2014 Chevrolet Impala Infotainment System

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Introduction

Infotainment

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The information in this manual supplements the owner manual.

This manual describes features that may or may not be on your specific vehicle either because they are options that you did not purchase or due to changes subsequent to the printing of this owner manual. Please refer to the purchase documentation relating to your specific vehicle to confirm each of the features found on your vehicle. For vehicles first sold in Canada, substitute the name “General Motors of Canada Limited” for Chevrolet Motor Division wherever it appears in this manual.

Keep this manual with the owner manual in the vehicle, so it will be there if it is needed. If the vehicle is sold, leave this manual in the vehicle.

Read the following pages to become familiar with the infotainment system features.

The infotainment system has built-in features intended to help with this by disabling some functions when driving. A grayed-out function is not available when the vehicle is moving.

All functions are available when the vehicle is parked. Before driving:

- Become familiar with the infotainment system operation, buttons on the faceplate, and touch-sensitive screen buttons.
- Set up the audio by presetting favorite stations, setting the tone, and adjusting the speakers.
- Set up phone numbers in advance so they can be called easily by pressing a single button or a single voice command for vehicles equipped with phone capability.

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⚠ Warning

Taking your eyes off the road for too long or too often while using the infotainment or navigation system could cause a crash.

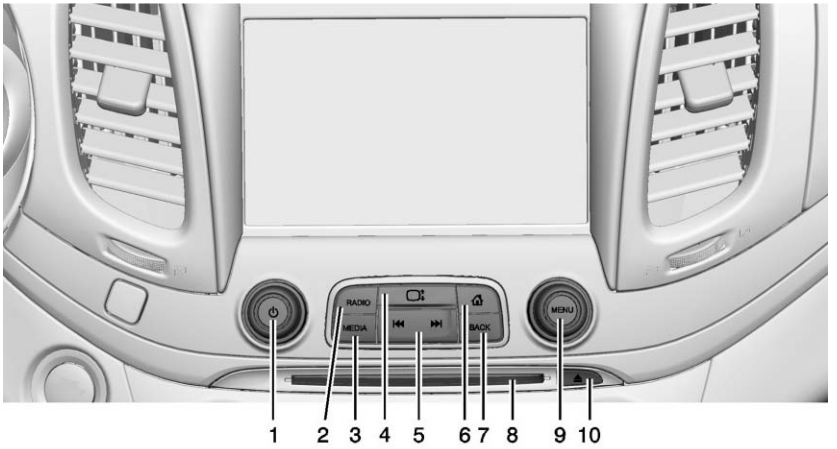
You or others could be injured or killed. Do not give extended attention to these tasks while driving. Limit glances at the vehicle displays and focus your attention on driving. Use voice commands whenever possible.

See “Defensive Driving” in the owner manual.

The vehicle has Retained Accessory Power (RAP). With RAP, the audio system can be played even after the ignition is turned off. See “Retained Accessory Power (RAP)” in the owner manual.

Infotainment System

The infotainment system is controlled by using the touchscreen, the buttons below the touchscreen, steering wheel controls, and voice recognition.



1. ⏻ (Power)
2. RADIO
3. MEDIA
4. (Screen Up/Down Arrow)
5. ⏮ (Seek Previous)
   ⏭ (Seek Next)
6. ⌂ (Home Page)
7. ◀ BACK
8. CD Slot (If Equipped)
9. MENU
10. ⏏ (Eject)

Power (On/Off/Mute)

- When off, press ⏻ to turn the system on. Press and hold to turn off.
- When on, press ⏻ to mute the system. Press ⏻ again to unmute the system.

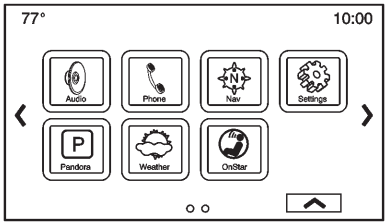
Retained Accessory Power (RAP)

The vehicle has RAP. When in RAP the audio system can be played even after the ignition is turned off. See “Retained Accessory Power (RAP)” in the owner manual.

Volume

Turn ⏻ to increase or decrease the volume.

Home Page



The Home Page is where vehicle application icons are accessed. Some applications are disabled when the vehicle is moving.

The Home Page can be set up to have up to five pages with eight icons per page.

Press 《 or 》 to access the pages of icons.

《 **(Previous):** Press to go to the previous Home Page.

》 **(Next):** Press to go to the next Home Page.

(Interaction Selector): Press to display the favorites list.

Press and hold a location within the favorites area to begin the process of saving a favorite application.

Press the application icon to store as a favorite. The name of the application will be shown in favorites.

Managing Home Page Icons

1. Press and hold any of the Home Page icons to edit that icon.
2. Drag the icon to a new location on the Home Page or to save it to the applications tray.

3. Press ⌂ to exit edit mode.

Audio

Press the Audio icon to display the active audio source page. Available sources are AM, FM, XM (if equipped), CD, My Media, USB, SD, Bluetooth, and AUX Input.

Phone

Press the Phone icon to display the Phone main page. See *Bluetooth (Overview) on page 73* or *Bluetooth (Infotainment Controls) on page 74* or *Bluetooth (Voice Recognition) on page 78*.

NAV (Navigation, If Equipped)

Press the NAV icon to display the navigation map or OnStar Turn-by-Turn Navigation. See *Using the Navigation System on page 34* or “OnStar Navigation” in the owner manual.

Settings

Press the Settings icon to display the Settings menu. See *Settings on page 70*.

Pandora (If Equipped)

Press the Pandora icon to begin Pandora®. See *Pandora Internet Radio on page 22*.

Weather (If Equipped)

Press the Weather icon to display the Weather main page. See “SiriusXM Weather (If Equipped)” under *Satellite Radio on page 14*.

OnStar

Press the OnStar icon to display the OnStar main page and start OnStar voice recognition. See “OnStar Overview” in the owner manual.

Applications Tray

The applications tray is at the top-center of the screen. The applications tray can have three to five applications.

To add an application from the Home Page to the applications tray:

1. Press and hold any icon on the Home Page to enter edit mode.
2. Drag the icon to the applications tray.

   To remove an item from the applications tray, drag the icon from the applications tray back to the Home Page.

Adding or removing applications from the applications tray will not remove them from the Home Page.

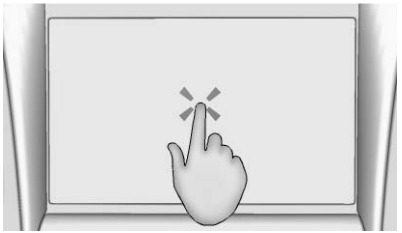
Touchscreen Buttons

Touchscreen buttons show on the screen when available. When a function is unavailable, the button may gray-out. When a function is selected, the button may highlight.

Infotainment Gestures

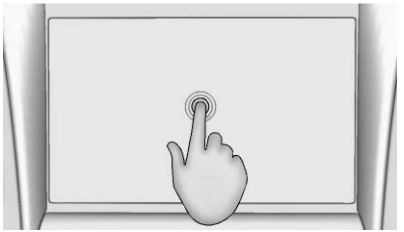
Use the following finger gestures to control the infotainment system.

Press/Tap



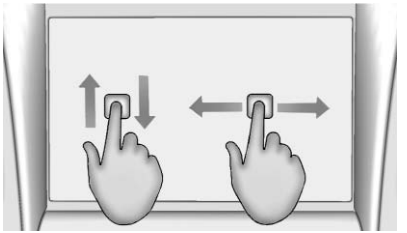
Press/Tap is used to select a button or option, activate an application, or change the location inside a map. Many times the function is performed upon removal of the finger from the touch screen; not on the initial press.

Press and Hold



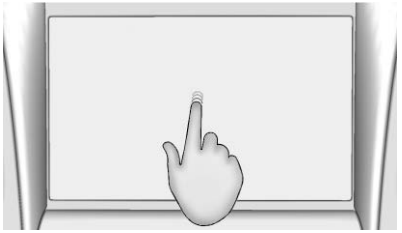
Press and hold can be used to start another gesture, move, or delete an application.

Drag



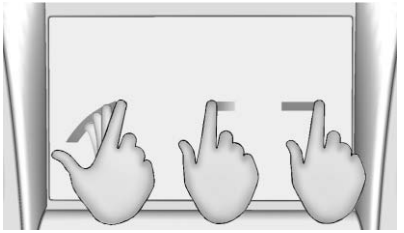
Drag is used to move applications on the Home Page, or to pan the map. To drag the item, it must be held and moved along the screen to the new location. This can be done up, down, right, or left.

Nudge



Nudge is used to move items a short distance on a list or a map. To nudge, hold and move the selected item up or down to a new location.

Fling or Swipe



Fling or swipe is used to scroll through a list, pan the map, or change page views. Do this by placing a finger on the screen then moving it rapidly up and down or right and left and releasing the finger from the screen.

Rotate

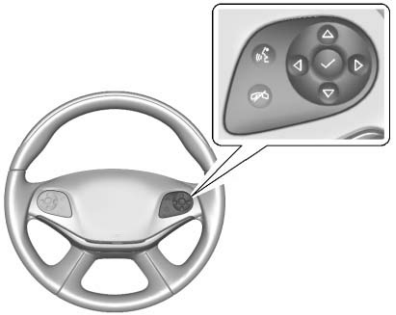
Rotate the MENU knob or the ⏻ knob on the faceplate to perform functions such as tuning the radio or scrolling lists.

Cleaning High Gloss Surfaces and Vehicle Information and Radio Displays

For vehicles with high gloss surfaces or vehicle displays, use a microfiber cloth to wipe surfaces. Before wiping the surface with the microfiber cloth, use a soft bristle brush to remove dirt that could scratch the surface. Then use the microfiber cloth by gently rubbing to clean. Never use window cleaners or solvents. Periodically hand wash the microfiber cloth separately, using mild soap. Do not use bleach or fabric softener. Rinse thoroughly and air dry before next use.

Steering Wheel Controls

The infotainment steering wheel controls can be used to control the infotainment features displayed in the instrument cluster.



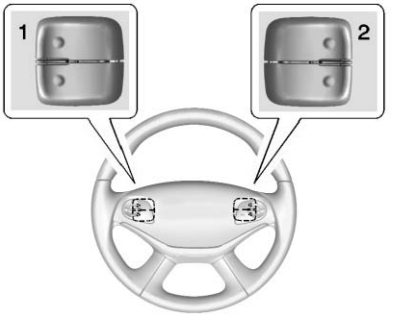
(Talk): Press to start a voice recognition session to control the audio, phone, navigation, or the OnStar system. See “OnStar Overview” in the owner manual.

(Phone/Mute): Press to decline an incoming call, or end a current call. Press to mute or unmute the infotainment system when not on a call.

◁ or ▷ (Previous/Next Menu): Press to go to the previous or next menu option.

△ or ▽ (Next/Previous Selection): Press to go to the next or previous selection.

✓ (Select): Press to select a highlighted menu option.



The favorite and volume switches are on the back of the steering wheel.

1. Favorites: Press to select the next or previous favorite radio station. While playing media, press to select the next or previous track or song.
2. Volume: Press to increase or decrease the volume.

Software Updates

See the website for more information.

Website Information

In the U.S., see www.chevrolet.com

In Canada, see www.chevrolet.gm.ca

Radio

AM-FM Radio

Playing the Radio

While on the Now Playing audio main page the available sources are: AM, FM, SiriusXM (if equipped), CD, My Media, USB, SD, Bluetooth, and AUX Input.

- Press the RADIO button on the faceplate to scroll through AM, FM, or SiriusXM (if equipped).
- Press the MEDIA button on the faceplate to scroll through CD (if equipped), My Media, USB, SD, Bluetooth, and AUX Input.

Infotainment System Settings

Press the RADIO button on the faceplate to access broadcast sources.

Press the MENU screen button or MENU knob to display the following menus:

Tone Settings:

- Bass, Midrange, Treble, Surround (if equipped): Press + or − to adjust. Surround adjusts the headrest speaker volume only.
- Balance: Press < or > for more sound from the left or right speakers. The middle position balances the sound between the left and right speakers.
- Fade: Press UP or DOWN for more sound from the front or rear speakers. The middle position balances the sound between the front and rear speakers.

Tag Song: If equipped, press to tag song information, including artist and title, to transfer to an iPod®. If the iPod is not attached, the information will be transferred when it is attached. Press OK on the confirmation pop-up menu to go back to the Now Playing view.

DSP Modes:

- If equipped with Bose Studio Surround® sound system, there will be four DSP modes:
  - Normal: Adjusts the audio to provide the best sound for all seating positions.
  - Driver: Adjusts the audio to provide the best sound for the driver.
  - Rear: Adjusts the audio to provide the best sound for the rear seat occupants.
  - Centerpoint: Creates the best surround sound for the whole vehicle.

Auto Volume: If equipped, this feature adjusts the volume based on vehicle speed. The options are Off, Low, Medium - Low, Medium, Medium - High, or High.

Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Bose AudioPilot Noise Compensation Technology: If equipped, this feature can be turned on or off. Turning it on will adjust the volume level to compensate for background noise and vehicle speed. This feature is most effective at a lower radio volume where background noise can affect how well the music is heard. At a higher volume, there may be little or no adjustment. See www.bose.com/audiopilot.

Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

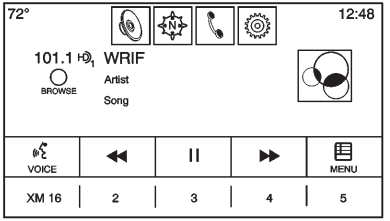
EQ (Equalizer): If equipped with a Bose Sound System, this feature is used to adjust the sound coming through the speakers. The available choices are Manual and Talk.

HD Radio: For AM and FM only, press to turn HD Radio reception on or off. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Update Station List: For AM and FM only, press to update the station list. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Finding a Station

Seeking a Station



Press ⏮ or ⏭ on the faceplate, to search for the previous or next strongest station.

Tuning a Station

Turn the MENU knob to manually search for a station.

Storing Radio Station Presets

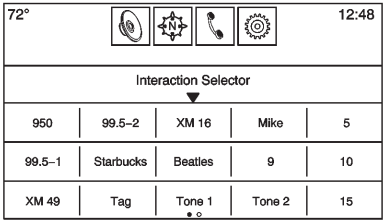
Favorites are stored in the area at the bottom of the screen.

Up to 60 preset stations can be stored:

AM, FM, XM (if equipped), HD Radio Stations: Press and hold a screen button to save the current station as a favorite. Press a screen button in the favorite area to recall a favorite station.

Mixed-Audio Favorites

Favorites that can be stored include radio stations, navigation, contacts, songs, artists, or applications.



To scroll through the favorites:

- Drag anywhere on the screen buttons to view the favorites. Drag up on the top of the favorites box to reveal more favorites rows. To close the favorites, drag them down.
- Slide a finger to the right or left to scroll through each page of favorites.

Tone Settings: Press and hold a screen button to save the current tone settings as a favorite. Press a screen button in the favorite area to recall a favorite tone settings.

The number of favorites displayed is automatically adjusted by default, but can be manually adjusted in the Settings menu under Radio and then Manage Favorites.

HD Radio Technology

If equipped, HD Radio™ Technology is a free service with features such as static-free sound; more programming choices on local FM HD2, HD3, and higher; and on-screen information such as artist and song title.

HD Radio Technology Channel Access

To access HD Radio channels:

1. Tune the radio to the channel. If the channel is broadcasting HD Radio Technology, the radio will automatically switch to digital audio, indicated with an HD Radio Technology logo. The HD Radio feature must be turned on in the Settings menu.
2. Press ⏮, ⏭ on the faceplate, or turn the MENU knob to tune to the previous or next HD Radio channel.

There may be a delay before the channel starts playing.

The HD Radio channel number is indicated next to the logo.

HD Radio channels can be saved as favorites. Songs can be tagged for download.

When connected to iTunes®, the Sync button on the device may need to be pressed to transfer the tags to iTunes.

See *AM-FM Radio on page 10* or *USB Port on page 29*.

For a list of all channels, see www.hdradio.com.

HD Radio Technology Troubleshooting

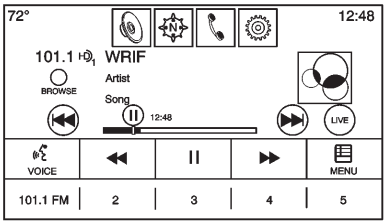
Digital Audio Delay: Wait for the signal to process. This can take several seconds.

Volume Change, Audio Skip, Echo, Digital Audio Lost: Channel signal strength may be weak or the channel is out of range. Verify proper reception on another channel.

If the HD Radio signal loses reception while listening to channel HD1, the radio will go back to the main non-HD Radio channel.

If the HD Radio signal loses reception while listening to channels HD2 to HD8, the radio mutes until the signal can be recovered or until the channel is changed.

Timeshifting



The audio system can record live radio for up to 25 minutes, When tuned to a station, the system automatically begins recording the audio along with the associated metadata.

Press ❚❚ to pause playback of the audio and to initiate timeshift mode.

Press ▶ to resume playback.

When timeshifting begins, a time is indicated on the right of the play/pause indicator. This time initially indicates the time of day at which playback is paused. This time continues to show as long as the system is in a paused mode and the buffer continues to fill.

Buffer Reset

The buffer will reset anytime the broadcast band or stations/channels are changed. Changing to a media source when in pause will not reset the buffer.

Rewinding or Fast Forwarding a Timeshifted Broadcast

- Press and hold the rewind indicator to reverse playback at a rate of 15 times the rate of normal playback.
- Press and hold the fast forward indicator to advance playback at a rate of 15 times the rate of normal playback. The timeshift buffer can be advanced up to the end of the timeshift buffer and return to live mode.

Returning to Live Broadcast

If listening to timeshifted radio, press the ⏭ screen button to fast forward back to live radio.

Timeshifting and Station/Channel Lists

If browsing a station/channel list is started while listening to the timeshift content, the list content is shown in live time, not buffered time.

Skipping Back in a Broadcast

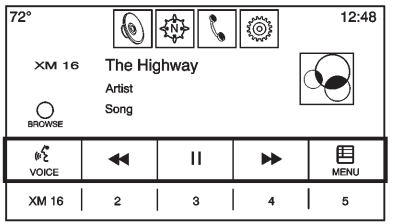
For programs with metadata, pressing the previous button less than five seconds into a program will make the system skip to the beginning of the previous program. If more than five seconds into the current song/program, the system starts at the beginning of the current program. If no metadata is available, the system skips back 30 seconds.

Reaching the End of Buffer

If the audio is paused and the 25-minute buffer is reached, the buffer continues recording content in a first-in, first-out basis. When playback is started, the content played will be the last 25 minutes in the buffer.

Satellite Radio

SiriusXM® Satellite Radio Service (If Equipped)



Vehicles with a valid SiriusXM satellite radio subscription can receive SiriusXM programming.

SiriusXM satellite radio has a wide variety of programming and commercial-free music, coast to coast, and in digital-quality sound. See www.siriusxm.com or call 1-866-635-2349 in the U.S. In Canada, see www.xmradio.ca or call 1-877-209-0079.

When SiriusXM is active, the station name, number, category name, song title, and artist display on the screen.

SiriusXM Menu

SiriusXM has a menu to adjust different features.

Pressing the MENU screen button may display the following:

Tone Settings: Press + or − to adjust the tone settings. See *AM-FM Radio on page 10*.

Tag Song: Press the Tag Song button to tag the current artist or song information.

When connected to iTunes®, the Sync button on iTunes may need to be pressed to transfer the song tags.

TuneSelect: For SiriusXM only, this feature allows for alerts to be set for artists or songs that are played on the current station. Press Artist or Song to save an Artist or Song. Press Manage TuneSelect to turn the alerts On and Off or manage the saved selection of Artists or Songs. To unselect an alert, press the Song or Artist. To delete an alert, press −.

Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Auto Volume: If equipped, this feature adjusts the volume based on the vehicle speed. See *AM-FM Radio on page 10*.

Bose AudioPilot Noise Compensation Technology: If equipped, this feature adjusts the volume based on the noise in the vehicle. See *AM-FM Radio on page 10*.

SiriusXM Messages

XL (Explicit Language Channels): These channels, or any others, can be blocked by request, by calling 1-866-635-2349 in the U.S., or 1-877-209-0079 in Canada.

Loading XM: The audio system is acquiring and processing audio and text data. No action is needed.

Channel Off Air: This channel is not currently in service.

Channel Not Authorized: This channel is blocked or cannot be received.

Channel Not Available: This previously assigned channel is no longer assigned.

No XM Signal/Reception May Be Blocked: The vehicle may be in a location where the XM signal is being blocked. When the vehicle is moved into an open area, the signal should return.

XM Radio ID: Tune to channel 0 to display the XM radio ID number used to activate XM service.

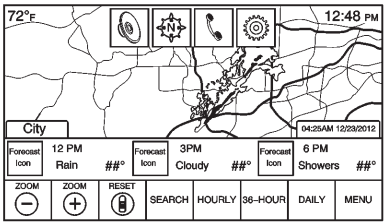
Check Antenna: If this message does not clear within a short period of time, the receiver or antenna could have a fault. Consult with your dealer.

SiriusXM Weather (If Equipped)

SiriusXM Weather is available on the navigation system through a service fee subscription.

From the Home Page, press Weather. The system displays the current weather page.

Current Condition

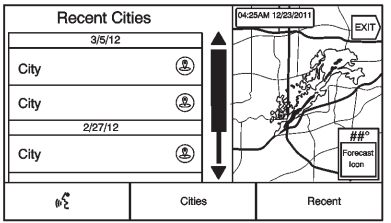


The current weather page displays:

- Doppler Map with Weather
- Forecast Information
- Interaction Selector
- Status
- Time of Map Update
- Applications Tray

Allow approximately 15 minutes for the current weather in the area to display.

Weather Regions



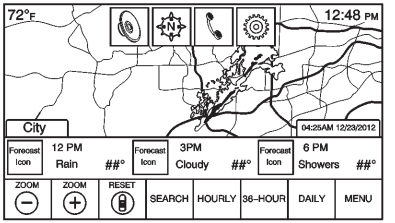
When in the weather application, press the MENU screen button to display a split map. The list displayed on the left of the split map allows changes to the location.

The Doppler map and forecast information displays a preview of the map for the location selected. The forecast information is for the current weather or next available forecast data.

Press the EXIT screen button to return to the main weather map.

Press one of the options displayed on the Interaction Selector along the bottom of the map screen to select another function or display another type of list.

Weather Screen Not Under Guidance

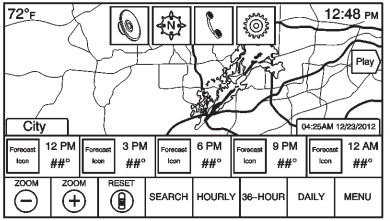


The weather application uses the navigation system to provide the appropriate information for the guidance route. When not under guidance, it defaults to the current location.

Doppler Map: The Doppler map is shown with the vehicle location in the center of the map.

City and State: The city and state are displayed for the view currently shown. The default is the current city and state that the vehicle is in.

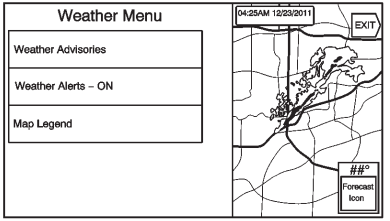
Forecast Information



- The map can be panned to another location. The forecast information is updated to the new location.
- The city and state update to reflect the current location.
- Press the RESET screen button to reset the map back to the current vehicle location.

Weather Menu

Press MENU on the Weather Interaction Selector along the bottom of the map screen to display the Weather Menu.



The options are:

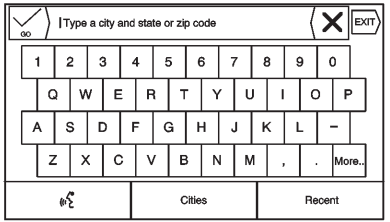
- Weather Advisories: Any weather advisories in effect for the local area or while on route are displayed in a list. Press on an advisory from the list to display a screen that gives additional details about the advisory and shows the advisory location on the map.
- Weather Alerts: Press to turn ON or OFF. The default is ON.
- Map Legend: Press to display the Map Legend.

Interaction Selector

The Interaction Selector at the bottom of the screen can be used to switch between different views within the weather screen.

These buttons are:

- ZOOM − or ZOOM +: Press to zoom the map in or out.
- RESET: Press to reset the map back to its original location.
- SEARCH: Press to search for a new weather map location. The last destination screen displays. Press any button along the bottom of the Interaction Selector to help find a different destination. These are Recent, , and Cities.



Press Recent to display a list of locations that were recently viewed for weather.

Press to activate voice recognition. State a city and state or ZIP code. Follow the voice prompts to find the desired destination.

Press Cities to enter a city and state or ZIP code.

Type a city or state name on the keyboard screen to find the weather. If the state is omitted, the system assumes a city is being searched for within the current state. If the ZIP code is typed, the system displays the city associated with that ZIP code.

- If one match results from a weather search, the system returns to the map. The map and forecast information updates for that location.
- If there are multiple results from the weather search, a list of possible matches displays. The map shows the first match in the list along with the current weather information in the lower right corner.

- HOURLY: Press to display the hourly forecast for the current vehicle location. A forecast icon is shown for each period available.
- 36-HOUR: Press to display the current weather, six-hour forecast, and tomorrow's weather. A forecast icon is shown for each period available.
- DAILY: Press to display a daily forecast for the next five days. A forecast icon is shown for each period available.
- MENU: Press to display the current advisories, turn weather alerts on or off, and view the map legend.
- ROUTE: Press to display the forecasted weather for the route. This feature is only available while under route guidance.

The map legend explains each type of color or symbol on the map.

SiriusXM NavTraffic (If Equipped)

The infotainment system may have SiriusXM NavTraffic. It is a subscription service provided through SiriusXM Satellite Radio. A service fee is required to receive the SiriusXM NavTraffic service.

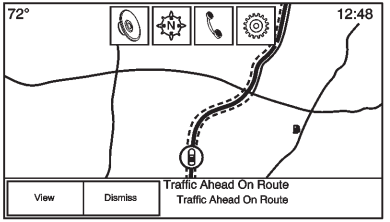
Detailed traffic information is delivered to the vehicle's navigation system by the SiriusXM Radio satellites. SiriusXM NavTraffic provides continuously updated traffic information.

The service may be available in more cities in the future. Visit www.siriusxmnavtraffic.com for more details on local coverage.

To access the traffic features, press the Traffic screen button on the Map Menu.

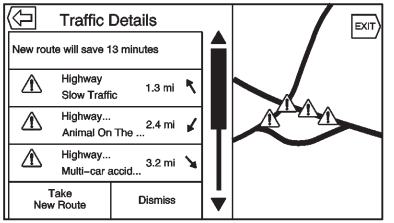
If traffic is not available because there is no valid SiriusXM subscription, a pop-up displays information on how to reactivate the subscription and SiriusXM radio ID.

Traffic Alert While Under Guidance



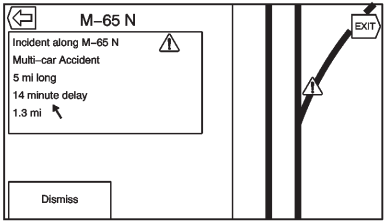
If data is received about a traffic development on the route ahead, a search for a better route is performed. If a better route is found, information may be displayed in an alert. This alert displays the route information and how much time may be saved. If the alternative route is accepted, the current route will be altered.

If the alert is not acknowledged, the alert automatically times out and does not modify the route.



The detail view of the incident shows any data about the incident as well as how much time could be saved by avoiding it. The map view shows the incident, the original route, and the suggested route. If voice prompts are enabled, the incident information is spoken. Press the Take New Route screen button to change to the new route.

Traffic Alert While Not Under Guidance



While driving and not under guidance, the system can receive data indicating an accident or slow traffic flow. The information about the incident or slow traffic is displayed as an alert when the incident is 5 km (3 mi) ahead. The incident can be viewed on the map. Press the Dismiss screen button to return to the previous map.

Movie Listings

A movie theater POI can be searched through a POI search or browsed through the POI category structure. When the details for a movie theater are shown, there is additional information about the theater. If movie titles and showtimes are available for the selected theater, this information is shown in the additional details area of this display.

The details shown depend on the source of the information.

Details shown include:

- Movie Names
- Parental Ratings (G, PG-13, R, etc.)
- Showtimes
- Runtime

Fuel Pricing

When SiriusXM information is available for a particular fuel station, the price displays for the regular unleaded or diesel fuel, depending on the fuel type configured in the system.

This fuel station POI can either be searched for through a POI search or browsed through the POI category structure.

- Press the Sort button to change the sort method. The default sort method is based on distance with the closest fuel stations at the top of the list.
- Press the Sort button to cycle through the sorting options of distance, price, or name. The last viewed sorting method is displayed and retained over ignition cycles.

If the sorting method of price has been selected, the fuel stations in the list will appear from the lowest to the highest price based on the fuel type selected. For gasoline, the price shown is for regular unleaded. When diesel is selected as the fuel type, the diesel price is shown.

Radio Reception

Unplug electronic devices from the accessory power outlets if there is interference or static in the radio.

FM

FM signals only reach about 16 to 65 km (10 to 40 mi). Although the radio has a built-in electronic circuit that automatically works to reduce interference, some static can occur, especially around tall buildings or hills, causing the sound to fade in and out.

AM

The range for most AM stations is greater than for FM, especially at night. The longer range can cause station frequencies to interfere with each other. Static can also occur when things like storms and power lines interfere with radio reception. When this happens, try reducing the treble on the radio.

SiriusXM® Satellite Radio Service

If equipped, SiriusXM Satellite Radio Service provides digital radio reception. Tall buildings or hills can interfere with satellite radio signals, causing the sound to fade in and out. In addition, traveling or standing under heavy foliage, bridges, garages, or tunnels may cause loss of the SiriusXM signal for a period of time.

Cell Phone Usage

Cell phone usage, such as making or receiving phone calls, charging, or just having the phone on may cause static interference in the radio. Unplug the phone or turn it off if this happens.

Backglass Antenna

The AM-FM antenna is integrated with the rear window defogger in the rear window. Do not scratch the inside surface or damage the lines in the glass. If the inside surface is damaged, it could interfere with radio reception. For proper radio reception, the antenna connector needs to be properly attached to the post on the glass.

If attaching a cell phone antenna to the glass, attach it between the grid lines.

⚠ Caution

Using a razor blade or sharp object to clear the inside rear window can damage the rear window antenna and/or the rear window defogger. Repairs would not be covered by the vehicle warranty. Do not clear the inside rear window with sharp objects.

⚠ Caution

Do not apply aftermarket glass tinting with metallic film. The metallic film in some tinting materials will interfere with or distort the incoming radio reception. Any damage caused to the backglass antenna due to metallic tinting materials will not be covered by the vehicle warranty.

Multi-Band Antenna

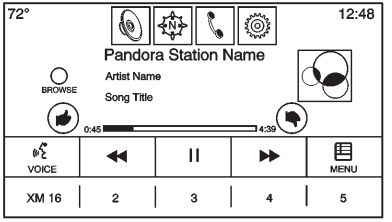
The roof antenna is for OnStar® (if equipped), SiriusXM® Satellite Radio (if equipped), and GPS (Global Positioning System). Keep clear of obstructions for clear reception. If the vehicle has a sunroof, and it is open, reception can also be affected.

Pandora Internet Radio

Pandora® is a free Internet radio service that streams personalized radio stations based on artists, tracks, genres, and comedians. Create stations using the Pandora website or Smartphone application, then use 👍 (thumbs up) or 👎 (thumbs down) to personalize stations. To set up an account, or for more information, go to www.pandora.com. Pandora may not be available in Canada.

A phone or tablet with Internet connection and the Pandora application installed is required. Personal cell phone data plans are used. Make sure the latest version is installed on the device.

Launching Pandora



Connect the iPhone to the USB port, or connect Android or BlackBerry® through Bluetooth. See *Auxiliary Jack on page 32* or *Bluetooth (Overview) on page 73* or *Bluetooth (Infotainment Controls) on page 74* or *Bluetooth (Voice Recognition) on page 78*. For first time use, set up the stations before connecting to the vehicle. The Pandora icon will be available on the Home Page.

When Pandora is chosen, the Pandora logo will populate on the screen and the system will display “Acquiring Pandora Radio Station.” Launch times can be significant.

Using the iPhone

1. Plug the device into the USB port. The phone screen must be unlocked.
2. Launch Pandora directly from the Home Page by pressing the Pandora icon.

If nothing happens when the available Pandora screen button is pressed, download the latest Pandora application and retry.

The login screen may display on the device.

Using an Android or BlackBerry Phone

The BlackBerry phone must be unlocked to launch Pandora service.

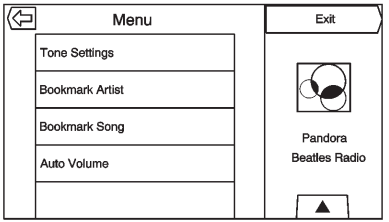
1. Pair the phone using Bluetooth.
2. Launch Pandora directly from the Home Page by pressing the Pandora icon.

If nothing happens when the available Pandora screen button is pressed, download the latest Pandora application and retry.

The login screen may display on the device.

Pandora Menus

Press Menu on the Pandora main page.



Pandora has a menu system with the following:

Tone Settings: Press to adjust the tone settings. See *AM-FM Radio on page 10*.

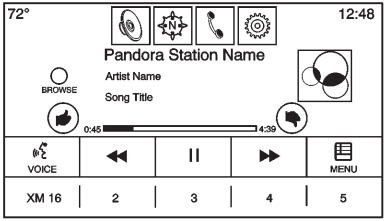
Bookmark Artist: Press to bookmark the artist.

Bookmark Song: Press to bookmark the song.

Auto Volume: This feature sets the auto volume based on the speed of the vehicle and noise in the vehicle. See *AM-FM Radio on page 10*.

Bose AudioPilot: If equipped, this feature adjusts the volume based on the noise in the vehicle. See *AM-FM Radio on page 10*.

Pandora Features



Pandora service has features to rate tracks, skip tracks, or change stations.

(Bookmarks): When pressed during a track, a choice displays to bookmark the artist or track. This sends the bookmark to the Pandora account.

(Thumbs Down): When pressed, Pandora stores this information, changes to the next track, and does not play this track on this station again. This helps Pandora choose which tracks should not play on this station. This feature is only available on user created stations.

(Thumbs Up): When pressed, Pandora stores this information and is highlighted for the remainder of the track. This helps Pandora choose which tracks should play on this station.

(Next Track): When pressed, Pandora changes to the next track.

or (Play/Pause): Press to play or pause playback.

Pandora Skip Limit

Pandora limits the number of skips allowed on their service to five skips including thumbs down. When the skip limit is reached, or will not skip the currently playing track, but the feedback will be recorded.

Advertisements on Pandora

Pandora may display advertisements. The artist name and track title will not be displayed and the skip track button will not be available.

Pandora Troubleshooting

Unable to Connect Device to Vehicle

If the device is unable to connect to the USB or Bluetooth:

1. Turn the vehicle off.
2. Take the Remote Keyless Entry (RKE) transmitter at least 6 m (20 ft) away from the vehicle.
3. Wait about one minute, and try to connect the device again. See *Auxiliary Jack on page 32* or *Bluetooth (Overview) on page 73* or *Bluetooth (Infotainment Controls) on page 74* or *Bluetooth (Voice Recognition) on page 78*.

Unable to Start Pandora

If the device is unable to launch Pandora:

- Check that the latest version of Pandora is installed.
- Check that there is an active account logged into Pandora.
- Have at least one station created.
- For Android and BlackBerry devices, check that the device is paired with the vehicle, and whether the device displays in the Connected phone sources list under the Phone icon from the Home Page.
- For an iPhone, check that the USB cable is connected to the USB port and the screen is unlocked.
- Pandora will not work during an active call.

- Close Pandora on the device and launch again. Devices that allow multitasking may require an extra step to quit the Pandora application. See the cell phone manufacturer's user guide.

Thumbs Up or Thumbs Down Error

If there is an error trying to rate a track with the 👎 or 👍 buttons, the message “Thumbs Down Error” or “Thumbs Up Error” will display. Press OK to dismiss.

Loss of Audio

Loss of Pandora audio can happen in different ways:

- Weak or lost data connection.
- Device needs to be charged.
- Application needs to be relaunched.
- Connection between phone and radio lost.
- An iPhone is connected to both Bluetooth and the USB port.

  Other phones such as the Droid phones may have a similar reaction.

Common Pandora Messages

Pandora Error/Please Check Device: Not signed in or Pandora is down for maintenance.

No Stations Available: No stations are available on the Pandora server through the connected device.

No Internet Connection: A few conditions for loss of Internet connection are:

- The connected device loses its cellular connection.
- The device does not support Internet connectivity.
- The device is not in the vehicle.

No Bluetooth Signal: The Bluetooth signal is lost.

No Skips Remaining for This Station or Permitted During Advertisements:

- The maximum Pandora skip limit has been reached according to the plan that was obtained.
- Skipping an advertisement was tried.

See www.pandora.com/help. If the service will not work, see a dealer for assistance.

Audio Players

CD Player

The player (if equipped) can be used for CD and MP3 audio.

The system is capable of playing:

- Most audio CDs
- CD-R
- CD-RW
- MP3 or unprotected WMA formats

When playing any compatible recordable disc, the sound quality can be reduced due to disc quality, the method of recording, the quality of the music that has been recorded, or the way the disc has been handled.

There can be increased skipping, difficulty in finding tracks, and/or difficulty in loading and ejecting. If these problems occur, check the disc for damage or try a known good disc.

To avoid damage to the CD player:

- Do not use scratched or damaged discs.
- Do not apply labels to discs. The labels could get caught in the player.
- Insert only one disc at a time.
- Keep the loading slot free of foreign materials, liquids, and debris.
- Use a marking pen to label the top of the disc.

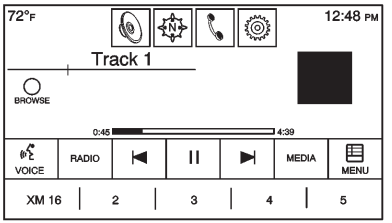
Loading and Ejecting Discs

To load a disc:

1. Turn the vehicle on.
2. Insert a disc into the slot, label side up. The player pulls it in the rest of the way. If the disc is damaged or improperly loaded, there is an error and the disc ejects.

Press ⏏ to eject a disc from the CD player. If the disc is not removed within a short period of time, it is automatically pulled back into the player.

Playing an Audio CD



Press the MEDIA faceplate or screen button until CD Audio icon Now Playing view is selected.

On the CD main page, a track number displays at the beginning of each track. Song, Artist, and Album information displays when available.

Use the following controls to play the disc:

⏮ (Previous/Fast Reverse):

- Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, it seeks to the previous track. If longer than five seconds, the current track starts from the beginning.
- Press and hold to fast reverse through a track. Release the button to return to playing speed. Elapsed time displays.

⏭ (Next/Fast Forward):

- Press to seek to the next track.
- Press and hold to fast forward through a track. Release the button to return to playing speed. Elapsed time displays.

When a Blu-ray or DVD disc is loaded and the CD button is pressed, a message displays to use the video application to play. Video application is only available in rear seat entertainment equipped vehicles.

Storing Media favorites

To store media favorites, press and hold to display a list of media types. Select from this list.

The lists that may display are:

Genres: Press to store the current genre as a favorite. Press a screen button in the favorite area to recall a favorite genre. The first song of the genre begins to play.

Artists: Press to store the current artist as a favorite. Press a screen button in the favorite area to recall a favorite artist. The first song in the artist list begins to play.

Albums: Press to store the current album as a favorite. Press a screen button in the favorite area to recall a favorite album. The first song in the album list begins to play.

Playlists: Press a screen button in the favorite area to recall a favorite playlist. The first song in the playlist begins to play.

Songs: Press to store the current song as a favorite. Press a screen button in the favorite area to recall a favorite song.

Podcasts or Podcast Episode: Press and hold a screen button to store the current podcast as a favorite. Press a screen button in the favorite area to recall a favorite podcast or podcast episode. The podcast or podcast episode begins to play.

Audiobooks: Press and hold a screen button to save the current audiobook as a favorite. Press a screen button in the favorite area to recall a favorite audiobook. The first chapter begins to play.

Videos: Press and hold a screen button to store the current video as a favorite. Press a screen button in the favorite area to recall a favorite video; the video or first episode begins to play.

Error Messages

If Disc Error displays and/or the disc comes out, it could be for one of the following reasons:

- The disc has an invalid or unknown format.
- The road is very rough. Try the disc again when the road is smoother.
- The disc is dirty, scratched, wet, or upside down.
- The air is very humid. Try the disc again later.
- There was a problem while burning the disc.
- The label is caught in the CD player.

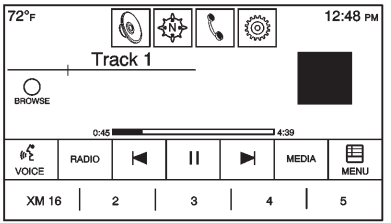
If Disc Player Error displays, it could be for one of the following reasons:

- The player temperature is too high.
- There are load or eject errors.

If the CD is not playing correctly, for any other reason, try a known good CD.

If any error continues, contact your dealer.

Playing an MP3 CD



To play an MP3 CD, follow the same instructions as “Playing an Audio CD.”

The following guidelines must be met when creating an MP3 disc, otherwise the CD might not play:

- Sampling rate: 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, and 48 kHz.
- Bit rates supported: 8, 16, 24, 32, 40, 48, 56, 64, 80, 96, 112, 128, 144, 160, 192, 224, 256, and 320 kbps.
- Recorded on a CD-R or CD-RW.

MP3 Music Menu

Press the MENU button while that source is active to access the menu.

Press any of the following buttons on the MP3 Menu:

Shuffle: Press to play the tracks randomly. Press again to stop shuffle.

Auto Volume: If equipped, this feature adjusts the volume based on the speed of the vehicle. See *AM-FM Radio on page 10*.

Tone Settings: Press + or − to adjust Bass, Midrange, Treble, or Surround. See *AM-FM Radio on page 10*.

MP3 Folder Information

Press anywhere between the top applications tray and bottom menu, press the Browse screen button, or turn the tune knob to display the browse screen.

Root Directory: To access, press the screen anywhere between the top and bottom menu or turn the tune knob. The root directory is treated as a folder. All files contained directly under the root directory are accessed prior to any root directory folders.

No Folder: When the CD only contains compressed audio files without any folders or playlists, all files are under the root folder.

File System and Naming: The song titles, artists, albums, and genres are taken from the file's ID3 tag and are only displayed if present in the tag. If a song title is not present in the ID3 tag, the radio displays the file name as the track name.

USB Port

This vehicle is equipped with one SD card reader and two USB ports. The SD card reader and one USB port are in the center console. The other USB port is in the storage area behind the radio. The system is optimized to support two connected devices with a total of 8,000 songs.

Playing from a USB

A USB mass storage device can be connected to the USB port.

Gracenote®

When plugging in a USB device, Gracenote service builds voice tags for music. Voice tags allow artists, albums with hard to pronounce names, and nicknames to be used to play music through voice recognition. While indexing, infotainment features are available.

My Media Library

The infotainment system allows access to content from all of the connected devices. Press the MEDIA screen button to scroll through the options until My Media is selected. Use gestures or screen buttons to scroll through the content.

USB MP3 Player and USB Drives

- The USB MP3 players and USB drives connected must comply with the USB Mass Storage Class specification (USB MSC).
- Hard disk drives are not supported.
- The following restrictions apply for the data stored on a USB MP3 player or USB device:
  - Maximum folder structure depth: 11 levels.

- Applicable audio extensions are mp3, wma, aac, m4a, and aif.
- WMA and Apple lossless files are not supported.
- Supported file systems are FAT32 and NTFS.

To play a USB device, do one of the following:

- Connect the USB.
- Press MEDIA until the connected device is shown.

Use the following when playing an active USB source:

▶ **(Play):** Press to play the current media source.

⏸ **(Pause):** Press to pause play of the current media source.

⏮ **(Previous/Reverse):**

- Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, the previous track plays. If playing longer than five seconds, the current track restarts.
- Press and hold to reverse quickly through playback. Release to return to playing speed. Elapsed time displays.

⏭ **(Next/Forward):**

- Press to seek to the next track.
- Press and hold to advance quickly through playback. Release to return to playing speed. Elapsed time displays.

USB Menu

Press Menu to display the USB menu. The following may be available:

Shuffle: Press to play the tracks randomly. Press again to stop shuffle.

Bose AudioPilot Noise Compensation Technology: If equipped, this feature adjusts the volume based on the noise in the vehicle. See *AM-FM Radio on page 10*.

Tone: Press + or − to adjust the tone settings. See *AM-FM Radio on page 10*.

USB Browse Menu

Press anywhere between the top and bottom menus, press the Browse screen button, or turn the tune knob to view the browse menu and the following options are displayed along the bottom of the screen:

Playlists:

1. Press to view the playlists stored on the USB.
2. Select a playlist to view the list of all songs in that playlist.
3. Select a song from the list to begin playback.

Artists:

1. Press to view the list of artists stored on the USB.
2. Select an artist name to view a list of all albums by the artist.
3. Select an album and then select a song from the list, or press All Songs screen button.

Albums:

1. Press to view the albums on the USB.
2. Select the album to view a list of all songs on the album.
3. Select a song from the list to begin playback.

Songs:

1. Press to display a list of all songs on the USB.
2. To begin playback, select a song from the list.

Genres:

1. Press to view the genres on the USB.
2. Select a genre to view a list of all content of that genre.
3. Select artists from the list to get a list of albums by that artist.
4. Select an album to get a list of songs on that album.
5. Select a song from the list or press All Songs to begin playback.

Podcasts, Composers, Audio Books, Videos, and Folder View are shown when More is selected from the bottom of the screen.

Podcasts:

1. Press to view the podcasts on the USB.
2. Select a podcast. If episodes exist, select an episode.

Composers:

1. Press to view the composers on the USB.
2. Select Composer to view a list of albums by that composer.
3. Select a song from the list to begin playback.

Audiobooks:

1. Press to view the audiobooks stored on the iPod.
2. Select the audio book. Select the chapter to begin playback.

File System and Naming

The songs, artists, albums, and genres are taken from the file's song information and are only displayed if present. The radio displays the file name as the track name if the song information is not available.

Playing from an iPhone or iPad

This feature supports iPhone 3G, iPhone 3GS, iPhone 4, and iPad.

Follow the same instructions as stated earlier for using an iPod.

Loss of Audio

Do not pair the Bluetooth of an iPhone that is connected by USB. If an attempt to pair the Bluetooth of the same connected phone is made, the system will automatically mute the iPod audio.

If there is a loss of audio, playback can be resumed by changing the audio flow from Bluetooth to USB cable.

To change the audio flow:

1. While the iPhone is connected, double tap the phone's home button.
2. Swipe a finger to the left on the phone's screen display. A box with a triangle on the lower line of the box that is highlighted displays. Press this box to display the dock connector option.
3. Select "Dock Connector."

Other phones such as the Droid phones may have a similar reaction.

Bluetooth Streaming Audio

Make sure all devices have the latest software downloaded.

SD Card Reader

This vehicle may have an SD card reader in the center console.

The SD card reader is for audio and video playback. Photos are not supported. Playback from an SD card follows the same file formats and restrictions defined under the USB section.

Set up the SD card while the vehicle is in P (Park). See "Audio" under *Infotainment on page 3*.

Place the card into the port.

If an SD card has already been connected, but a different source is currently active, press the MEDIA faceplate button or MEDIA screen button to scroll through the audio source screens until SD card displays.

Auxiliary Jack

This vehicle has an auxiliary input jack in the center console under the armrest. Possible auxiliary audio sources include:

- Laptop computer
- Audio music player

This jack is not an audio output. Do not plug headphones into the auxiliary input jack. Set up an auxiliary device while the vehicle is in P (Park).

Connect a 3.5 mm (1/8 in) cable from the auxiliary device to the auxiliary input jack. When a device is connected, the system can play audio from the device over the vehicle speakers.

If an auxiliary device has already been connected, but a different source is currently active, press the MEDIA faceplate button or MEDIA screen button to scroll through audio source screens, until AUX source screen displays.

Bluetooth Audio

If equipped, music may be played from a paired Bluetooth device. See *Bluetooth (Overview) on page 73* or *Bluetooth (Infotainment Controls) on page 74* or *Bluetooth (Voice Recognition) on page 78* for help pairing a device.

The music can be controlled by either the infotainment controls, or the controls on the phone/device. If Bluetooth Audio is selected and no volume is heard, check the volume setting on both the phone/device and the Infotainment system.

Music can be launched by pressing the MEDIA faceplate button or MEDIA screen button on the Home Page.

To play music via Bluetooth:

1. Power on the device, and pair to connect the device.
2. Once paired, select MEDIA until Bluetooth displays.

Bluetooth Audio Menu

Press the MENU screen button or Menu on the tune knob to display the Bluetooth Audio menu. The following may be available:

Bose AudioPilot: If equipped, this feature adjusts the volume based on the noise in the vehicle. See *AM-FM Radio on page 10*.

Tone: Press + or − to adjust the tone settings. See *AM-FM Radio on page 10*.

Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Manage Bluetooth Devices: Press to go to the Bluetooth page to add or delete devices.

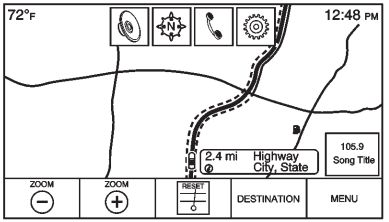
When selecting Bluetooth audio, the radio may not be able to launch the audio player on the connected device to start playing. When the vehicle is not moving, begin playback on the phone.

All devices launch audio differently. When selecting Bluetooth audio as a source, the radio may show as paused on the screen. Press play on the device or press ▶ on the screen to begin playback.

Some phones support sending Bluetooth music information to display on the radio. When the radio receives this information, it will check to see if any is available and display it. For more information about supported Bluetooth features, see www.gm.com/bluetooth.

Navigation

Using the Navigation System

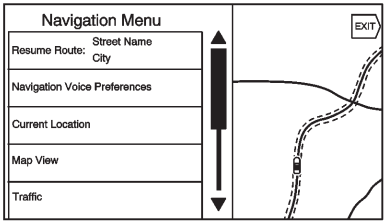


Press the NAV button on the Home Page or the Navigation icon in the applications tray to access the navigation application.

Press MENU from the map view to access the Navigation Menu. Features displayed in the Navigation Menu can be selected to adjust navigation preferences.

To exit out of a list, press the EXIT screen button in the top right corner of the map to return to the main map view.

When the screen is not in use, it will timeout and remove the controls. Press anywhere along the bottom or top of the screen to display the controls.



Additional navigation features are:

- Cancel/Resume Route
- Navigation Voice Preferences
- Current Location
- Map View
- Traffic
- Show “Place of Interest” Icons
- Routing Preferences
- Personal Data

It is advised to set up preferences before setting a destination. To set a destination, see *Destination on page 44*.

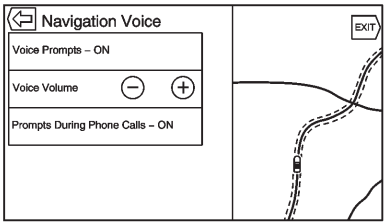
Cancel/Resume Route

- Press the Resume Route screen button to resume route guidance to the last entered destination.
- While under route guidance, this screen button displays Cancel Route. Press Cancel Route to end route guidance. No further prompts will be given. The list item then changes to Resume Route.
- The last location that the system has provided guidance to can be resumed by pressing on this list item.

- If the route includes waypoints, the entire route can be suspended using the Cancel Route list item. When Resume Route is pressed, all waypoints are resumed for guidance.

Navigation Voice Preferences

Press the Navigation Voice Preferences list item to adjust the voice preferences.



The following options can be adjusted:

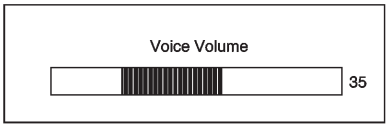
- Voice Prompts – ON/OFF
- Voice Volume
- Prompts During Phone Calls – ON/OFF

Voice Prompts

Press the Voice Prompts list item to toggle voice prompts ON and OFF.

Voice Volume

Adjust the loudness of the audio feedback by pressing the − or + button. If a maneuver prompt is being played, and the main volume is adjusted, the prompt volume will update and be saved.



As the volume of the voice guidance is being adjusted, a quick status bar displays, showing the volume setting.

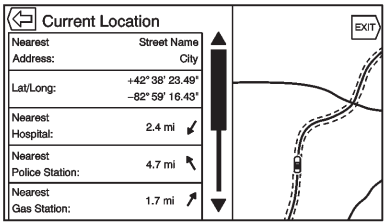
Prompts During Phone Calls

When enabled, the system plays a shorter prompt while on a phone call. This setting can be configured as to whether a prompt would be heard during a phone conversation.

When this setting is OFF, only the short alert tone is played when approaching the maneuver.

Current Location

Press the Current Location list item to display a Current Location list.



The following information is displayed on the Current Location list:

- Nearest Address
- Lat/Long
- Nearest Hospital

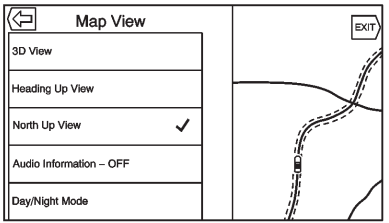
- Nearest Police Station
- Nearest Gas Station
- Nearest Roadside Assistance

Press on any of the options to display the destination details view for the selected location to begin guidance.

Press the Nearest Address button and then the Save screen button to store the current location to the Address Book.

Map View

Press to select the desired map view. A checkmark appears to indicate a view has been selected.



3D View

The 3D View is a Heading Up view but it includes perspective. Map items will appear larger as the vehicle comes closer.

Heading Up View

The Heading Up View keeps the vehicle's current heading at the top of the view. The vehicle icon always faces the top of the view as the map rotates.

North Up View

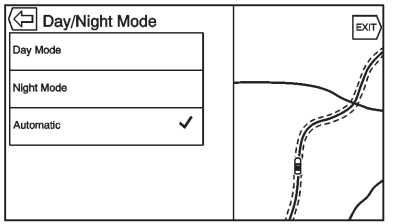
The North Up View keeps north at the top of the view. The vehicle icon is placed in the center of the view and rotates to indicate the heading for the vehicle.

Audio Information

Press to turn the audio information view on or off from the main map view. When ON, the audio information becomes an audio status screen. This allows for two lines of audio information in the status screen and enables the use of some Interaction Selector controls.

The audio status screen contains:

- Station Frequency
- Artist Information
- Song Information



Day/Night Mode

Press to access the Day/Night Mode menu.

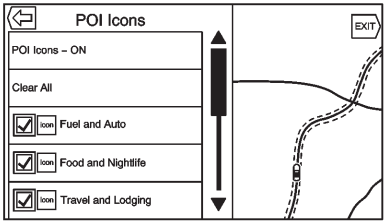
The options are:

- Day Mode: Brightens the map background.
- Night Mode: Darkens the map background.

- Automatic: Adjusts the screen background automatically depending on the exterior lighting conditions.

Show Places of Interest Icons

Places of Interest (POI) icons can be displayed on the map using this view.



- The POI icons can be turned ON and OFF. Press the check box next to the POI icon to display the icon.
- Press Clear All to reset the icons that are displayed on the map.
- A subcategory can be selected instead of the entire category. Press the list item rather than the check box. The subcategories will display. Select any of those categories to navigate down the hierarchy.
- When a higher-level category has some of its subcategories selected, the checkmark next to it is grayed out. This indicates that only some of the categories below are shown. Press the grayed-out checkmark to turn all of the icons for that category on or off.

Routing Preferences

Press the Routing Preferences list item to access the Routing Preferences menu. Options on how the routes are created for route guidance are listed on this menu.

Route Style

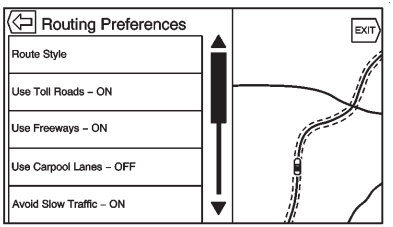
Press this list item to change the route type preferences.

The options are:

- Fast (default)
- Eco Friendly (if equipped)
- Short
- Configure Eco Profile

The Configure Eco Profile can be used to configure two parameters for the Eco Friendly route. These parameters are roof load and trailer. For each parameter, the options are None, Small, Medium, and Large. Press to scroll through the list. The default for both is None.

These preferences are used for all routes generated.



Route segment preferences are other options showing on the Routing Preferences menu.

This includes:

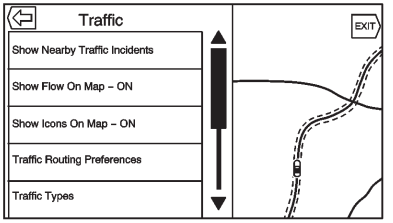
- Use Toll Roads – ON/OFF
- Use Freeways – ON/OFF
- Use Carpool Lanes – ON/OFF
- Avoid Slow Traffic – ON/OFF
- Use Tunnels – ON/OFF
- Use Time Restricted Roads – ON/OFF

Traffic (If Equipped)

Press to browse the traffic in the area as well as adjust the traffic settings. Where traffic information is available, it is displayed on the map.

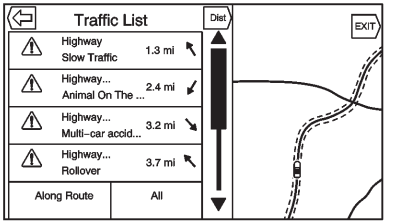
Where live traffic flow data is available, it is displayed as a solid line adjacent to the road. The road is displayed in colors to show the flow rate as:

- Black – Stopped or Closed
- Red – Poor
- Yellow – Slow
- Green – Normal



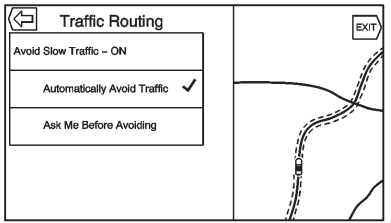
There are several options on the Traffic menu:

- Show Nearby Traffic Incidents
- Show Flow On Map – ON/OFF
- Show Icons On Map – ON/OFF
- Traffic Routing Preferences
- Traffic Types



1. Press Show Nearby Traffic Incidents to access the Traffic List menu. This menu displays the incident symbol and highway name, along with the distance and heading to the incident.
2. Press on the incident to display additional details about the incident as well as an option to avoid that particular incident if it is along the current route.

Traffic Routing Preferences

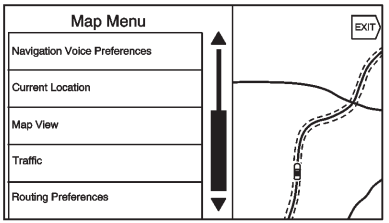


The system can be configured as to how it reacts when receiving traffic information. Press Traffic Routing Preferences to access the Traffic Routing menu.

When this setting is OFF, the system will never take traffic conditions into account when creating routes. In addition, the two options below are grayed out. If one of the grayed-out options is pressed, it automatically turns the traffic avoidance feature ON and performs the desired selection.

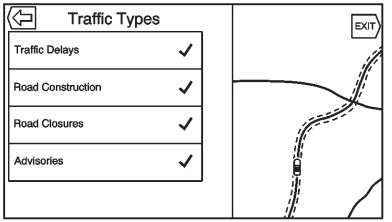
The two options, Ask Me Before Avoiding and Automatically Avoid Traffic will adjust the system as follows:

- If the Automatically Avoid Traffic list item is pressed, the system will automatically adjust the route based on traffic without notifying the driver.
- If the Ask Me Before Avoiding list item is pressed, the system will always use Alerts to show when there is an incident and allow it to be avoided by pressing the avoid button.



If the Traffic list item is pressed from the Map Menu and Traffic is not available because the SiriusXM subscription is not valid, a pop-up will display with information on how to reactivate the subscription along with the SiriusXM radio ID.

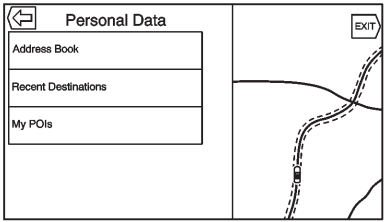
Traffic Types



Press to access the Traffic Types menu.

The system can be configured to filter out certain types of traffic events. If a particular type has been turned off, the system does not display it on the map, and does not alert the driver.

Personal Data



Data that the system has saved during the course of using the navigation system can be managed through:

- Address Book
- Recent Destinations
- My POIs (if equipped)

Address Book

1. Press Edit Address Book to display the Address Book to edit.
2. Press Delete All Entries to delete the entire list of contacts. A pop-up displays to confirm.

Recent Destinations

- Press Delete Individual Destinations to display a recent destinations list. Select the individual entry to delete.
- Press Delete All Destinations to delete the entire recent destination list. A pop-up displays asking to confirm the deletion.

My POIs

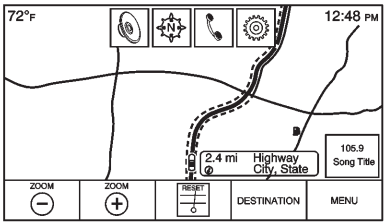
- Press My POIs to display a menu of other options.
- Select Delete Individual Categories. A My POIs category list displays.
- Select the individual entry to delete.
- Press Delete All My POIs to delete the entire list of categories. A pop-up displays asking to confirm the deletion.

Map Adjustments

ZOOM −/+ can be used to adjust the scale of view on the map. When the end of the zoom level is reached, ZOOM −/+ will gray out.

The zoom scales can be configured for English or metric units. To change from English to metric, see “Instrument Cluster” in the owner manual.

Scroll Features



- To scroll within the map, press anywhere on the map screen.
- Nudge or slide a finger on the map; the map moves in the direction of the finger.

- Fling a finger on the map; the map will start scrolling in a short continuous scroll.
- Press a finger on the location on the map; the map recenters to the location that was pressed on.
- Press a finger twice on a location on the map, the map zooms in one level to the location that was pressed twice on.
- When the map is recentered away from being locked to the vehicle position, the crosshairs will show in the center of the map. As the map continues to be recentered, the crosshairs will remain on the screen. When the crosshairs are shown on the screen, a callout with more information displays. If the map is moved from the current location, the crosshairs will disappear along with the callout.
- Press a finger on the callout next to the crosshairs and the destination details view displays. From this view, route guidance can be received or saved to the vehicle's contact list.
- When the map is recentered, the straight-line distance from the vehicle to the selected point is displayed in the callout. In addition, a heading direction in the form of an arrow is displayed to indicate the direction. The arrow is shown in relation to the current vehicle heading.
- Press a finger on a POI icon shown on the map; the name of the POI is shown in the address callout, along with the city name and state. If the callout is selected, the destination details view for the POI is shown.
- After panning the map away from the vehicle, press RESET to return the map back to the current position.
- Press the Overview button to quickly get a view of the entire route. The route Overview button takes the place of the RESET button while under route guidance. Press the RESET button to return the map to the current position.

Maps

The map database is stored in the internal flash memory that is used in the navigation system.

Detailed Areas

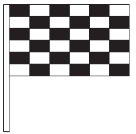
Road network attributes are contained in the map database for detailed areas. Attributes include information such as street names, street addresses, and turn restrictions. A detailed area includes all major highways, service roads, and residential roads. The detailed areas include Places of Interest (POIs) such as restaurants, airports, banks, hospitals, police stations, gas stations, tourist attractions, and historical monuments.

The map database may not include data for newly constructed areas or map database corrections that are completed after production. The navigation system provides full route guidance in the detailed map areas.

Navigation Symbols

Following are the most common symbols that appear on a map screen.

The vehicle symbol indicates the current position and heading direction of the vehicle on the map. When under route guidance, a circle with an arrow is added to the vehicle symbol which indicates the direction to the destination.



The destination symbol marks the final destination after a route has been planned.

The waypoint symbol marks one or more set waypoints.

A waypoint is a stopover destination point added to the planned route.

The estimated time to the destination displays. Press the Arrival button to toggle to duration and to the distance of the destination.

This symbol indicates the recommended maneuver that should be performed. Press it to display the turn list or waypoint list.

The No GPS symbol appears when there is no Global Positioning System (GPS) satellite signal. When the GPS is gone, the vehicle position on the map may not be accurate.

Autozoom

As a maneuver is being approached, the map automatically zooms in to give greater detail.

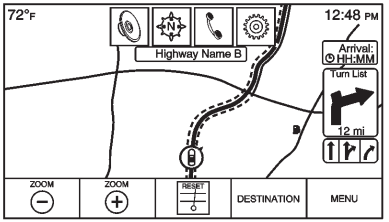
If lane guidance is available for the maneuver, this is also shown.

When the system begins to autozoom, it zooms in to its minimum level. After the maneuver is performed, the system slowly zooms back out.

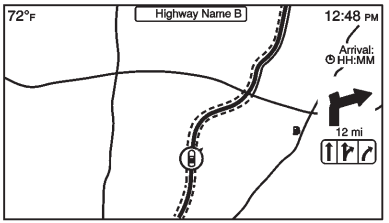
Driving on a Route

Maneuver Road Name

If the road name has multiple names, all names are shown.



Map View When Interacting



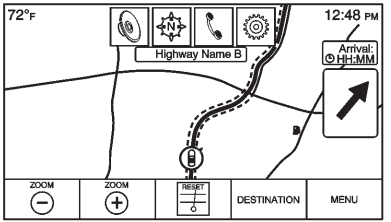
Map View After Timeout

If the system has not been used for approximately 15 seconds, the map controls will time out. Tap on the screen once to bring up the controls.

If the road that the system has calculated for the next maneuver has an icon, it will be shown to the left of the maneuver road name.

The distance to the maneuver is shown from the current location along the route to the maneuver.

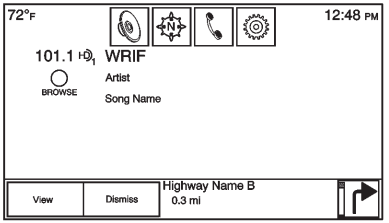
Off-Road Indication



When driving in an area with no road showing on the map, the system transitions to off-road mode.

The map displays a destination pointer in the Turn List area. The system will attempt to guide by showing a highlighted route starting at the nearest road. This road name is shown in the next maneuver name field at the top of the screen.

Navigation Next Turn Maneuver Alert



The navigation system has an alert feature. The navigation system may need to get the attention of the driver.

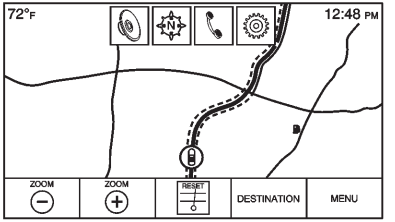
If not in the navigation application when a near maneuver prompt is given, it is shown as an alert. The alert contains the turn indicator and button to display the main navigation view, or dismiss the alert.

The alert also contains the name of the street to turn on and a countdown bar.

Destination

If route guidance is not active, press the NAV screen button on the Home Page to access the map view. Press the Destination icon from the map view to enter a destination. Available methods of entering a destination are Voice Recognition, Address, Recent Destination, Contacts, and POIs. Several options can be selected to plan a route. Some destination items may be grayed out if no destination was previously entered or saved.

Another way to enter a destination is to connect to the OnStar® system and ask an OnStar Advisor to download a destination into the embedded navigation system. See *OnStar® System on page 55*.



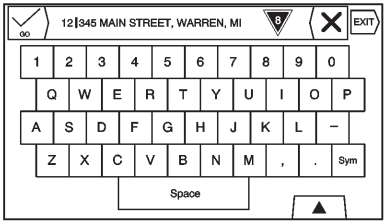
Press the DESTINATION button to go to the destination entry views.

Available Methods of Search

- Voice Recognition
- Address
- Recent Destinations
- Contacts
- POIs (Points of Interest)

Press the DESTINATION button and the last used destination view is shown.

Alpha-Numeric Keyboard



The keyboard is used in multiple locations throughout the system and can be used with many features. The navigation system uses the alpha-numeric keyboard.

The keyboard can also be modified to include characters appropriate for the region configured in the vehicle settings.

✓ **GO:** Press to search for the destination details of an address or place of interest entered in the text field. Once the GO screen button is pressed, the activity indicator displays in the list of possible matches.

▽ **(Dropdown Arrow):** Press to display a list of matches.

When there are multiple matches, a dropdown arrow is shown after the autocomplete text. This dropdown displays an entire list of matches. Press the appropriate match without having to enter more text.

✕ **(Delete):** Press to delete the last typed character. Press and hold this screen button to clear the entire text field. If the entire text field has been deleted, this screen button becomes an Undo button. Pressing Undo will restore the deleted text.

Exit: Press to return to the previous Map view.

Sym: Press to show the symbol keyboard.

Space: Press to enter a space between characters or the words of a name.

▲ **(Up Arrow):** Press to display the Interaction Selector.

Special Characters

As the characters are typed on the keyboard, a pop-up of the letter pressed displays above the key that was pressed.

Continue to press and hold, and any additional special characters associated with that letter are displayed around the current letter. To select one of the special characters, slide a finger left or right to adjust the highlight of the special character.

Special Character List

The following characters have special characters beneath them:

E - É È Ê Ë Ę Ė Ē
Y - Ÿ
U - Ū Ú Ù Ü Û
I - Ī Į Í Ì Ï Î
O - Õ Ø Œ Õ Ó Ò Ö Ô
A - À Á Â Ã Ä Æ Ã Å Ā
S - ß(for lowercase s) Ś Š
L - Ł
Z - Ź Ž Ż
C - Ç Ć Č
N - Ñ Ń
. - …

More Characters:
0 - °
! - ¡
$ - ¥ £ ¢
& - §
“ - «»
? - ¿
(- [{
) -] }
.com - .net .org

Address

- A destination can be searched by typing out the address, intersection, highway, or freeway entrance ramps on the keyboard. This information is typed and displayed in the information field. Press the search icon to start the search.

  For example:

  Address: 100 Main Center Crawford, State/Province (if needed)

  Road Name: Main Rd

  Intersection: North Square West Road Standish State/ Province

  Freeway: N-94

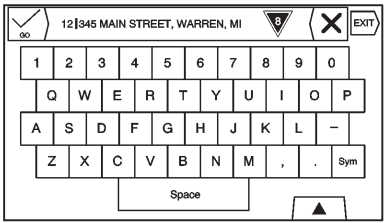
- State information does not have to be included in the search field if entering an address that is located in the same state.
- Whenever the keyboard view is entered, the last text that was typed, even if it was not searched on, will display.
- A partial or complete address can be typed in the search field. If a partial address is typed, the system attempts to use local knowledge to fill in additional information. For example, if no city name or state are given, the system assumes a search for something in the current city or a nearby city in the current state. The system is also capable of recognizing address formats according to other regions.

If a destination address or location being entered is outside of the country, the country abbreviation must be added after the address. For example, if the current vehicle location is in Detroit MI and the destination is in Windsor, the correct input would be Windsor ON CAN.

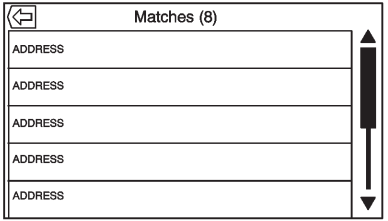
Intersection: If looking for an intersection, type in the two street names and optionally the city and state/province of the intersection.

On-Ramp: If looking for the closest on-ramp as a destination, enter a highway name. The direction is not required but can be specified. The system will search for the closest on-ramp.

Also available is the Exit-Ramp. For example, N-94 Exit 42.



The keyboard can utilize an autocomplete function. Depending on the application, autocomplete matches entries that have been previously typed or are stored in a Recent Destinations list.

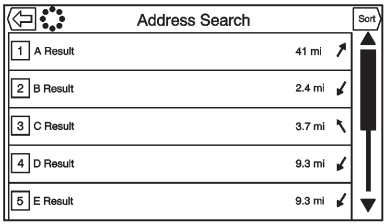


1. After a character has been typed, the system is able to start displaying matches that begin with that character. The matches continually become more refined as additional characters are entered.
2. If there are multiple matches for what has been entered, the first result alphabetically will be shown.

   When there are multiple matches, a dropdown arrow is shown after the autocomplete text. This dropdown displays the entire list of matches. Press the appropriate match without having to enter more text.
3. If autocomplete does not show the results needed, press the delete screen button to clear the autocomplete from the entered field.

   If there are no matches, a pop-up displays in response to show how the system understood the entered text and attempts to show how the text could be entered to help find the destination.

Multiple Matches



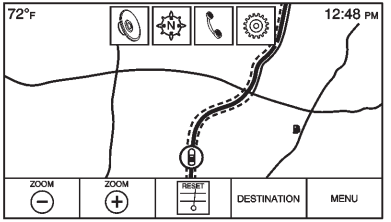
- If the search results in multiple matches, a list of matches is shown.
- Address search results are grouped by result type, in the order of Full Addresses, States, Cities, Intersections, and Streets. If no results are found in a particular group, that group is not shown. If only one type of result is found, the single type result screen is shown. Within each group, they are listed in Confidence order. This means that the closest match result will be at the top.
- Address searches can be sorted by Confidence, Distance, or Alphabetical Order.

Spelling Mistakes

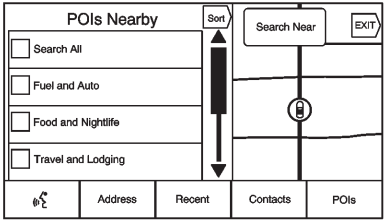
The system is able to offer alternatives if the searched term is not found exactly. The system uses the closest term it finds and provides those results.

The system first searches the entered term exactly. If no matches are found, partial words are used. An example is, when entering in an address, the system attempts to do a full match on the entire string. If it does not find a match, the house number is then considered an optional term and the system attempts to find the street and city name. The prefix and suffix of street names are also treated as optional terms. The search is first done by trying to match the prefix and/or suffix. If there is no match found, these terms are removed from the search to make the search more generic.

Places of Interest (POI)

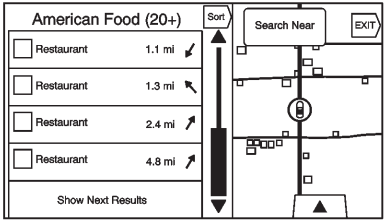


While at the Home Page, press the NAV screen button to display a view of the map. Press the Destination screen button to go to the destination entry views.

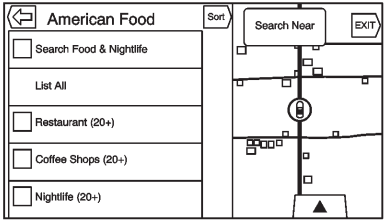


1. Press the POIs screen button to display a list of POI categories.

   The first list item in every POI list is a search function. For the highest level of categories, press the Search All screen button or select a category and search within that selection.
2. Select a POI category to display subcategories.
3. If a selected subcategory has no results in the surrounding area, the search is expanded until a result is found.



4. When a category is selected, the nearest locations are shown on the map and it lists the nearest 20 matches. If the limit is reached and no further matches display, there is a Show Next Results button to expand the search by another 10 results. The currently selected category or search term is shown in the title bar along with the number of matches shown in the list in parentheses.
5. Pan the map using the finger gestures to minimize the POI list and to interact with the map. The icons that were shown before continue to be displayed and updated. The list is also updated based on where the map was panned or zoomed. The search for POIs is constrained to where the map has been moved to. Press the list reveal button which is the arrow pointing right, near the left edge of the screen to display the list again.
6. If the search map is pressed to recenter, the crosshairs are shown to indicate the center of the new search location. If a POI icon is pressed on while in the full expanded map, a callout for that location displays. Press the callout to display the destination details view.
7. Press the map reset button to return the map to automatic zooming and searching. It is recentered around the vehicle's position, the route, the destination, or another location that was specified for the search. The map RESET button is only displayed if the map was manually adjusted.



Press the List All screen button to display all of the matching results in a particular category with its subcategories.

Using the Keyboard

The POI can be searched by entering a POI name, category, name and category, or phone number on the keyboard.

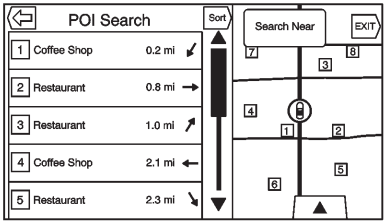
For example, enter the information as:

POI Name: Worldwide Food

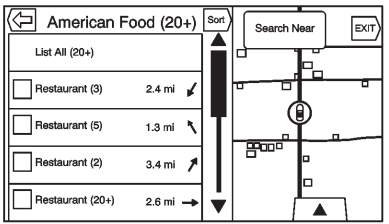
POI Category: Restaurants

POI Name and Category: Worldwide Food Restaurants

POI Phone Number: 000222555



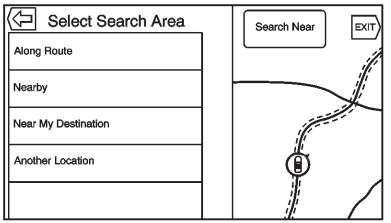
The POI keyboard search results will display in the order in which they were found. Press the Sort button to change the sorting order by Confidence, Alphabetical, or Distance.



If browsing for POIs or searching for results on a keyboard in a different location than what was searched previously, press the Search Near button to specify a different location.

If not under route guidance, the search area options are:

- Nearby (default)
- Another Location



If under route guidance, the search area options are:

- Along Route (default)
- Nearby
- Near My Destination
- Another Location

Favorite POIs

Locations, categories, or a particular POI chain ID can be saved as Favorites in the POIs view.

Press and drag up on the row of interaction selector buttons to reveal the Favorite buttons.

Press and hold on a favorite location, then press on the category to be saved. Whenever a set of POIs is grouped, as in a category or a set of POIs that all belong to the same chain ID, the whole category or chain ID is saved in the favorites for recall. POIs are only grouped by chain when the sorting order is Alphabetical.

A POI search can also be saved as a Favorite. While in the POI search keyboard view, press and hold on a favorite location and the text that is currently typed in the keyboard will be saved.

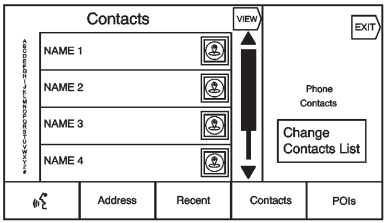
Recalling a POI Category or Chain

If a POI category or chain favorite is recalled, the system displays a list of matching results defaulting to nearby, but allows a search of other locations. Press the Search Near button to specify a different location.

Saved Destinations

Select a saved destination from the Contacts or Recent Destinations.

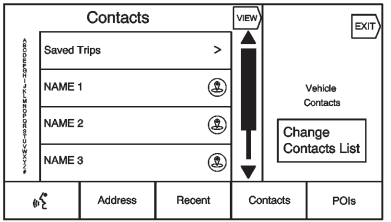
Contacts



Select the Contacts button to view the vehicle's contact list or a connected Bluetooth device.

Press the Change Contacts List screen button to switch between the vehicle's contact list and the Bluethooth device's contact list. If a particular contact has a single address associated with it, that contact has a Quick Route list item function button next to it. Contacts without this Quick Route button either have multiple addresses or no address at all. Press the Quick Route button to go to the Destination Details view.

Press on an address, either from the Quick Route on the contact list or a specific address from the contact detail list, to go to the destination view showing that address on the map.



Trips from Contacts can be saved and recalled. The order is based on when the trip was last used. When the trips are saved, they are given a default title of the final destination name. If there are no saved trips, this list item is hidden.

Favorite Destinations

- Destinations can be saved as Favorites for recall later. Depending on the favorite, when an address or POI favorite is recalled, the Destination Details View is shown.
- When a favorite address is being routed to, it is shown active. Press on the active favorite, to suspend that route.

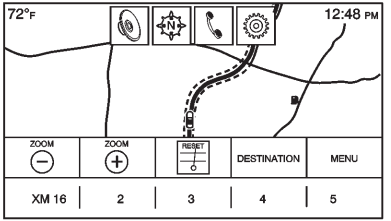
- Save locations as Favorites for recall later in the Destination Details View.
- Save trips from the Address Book.

Storing Favorites from the Contact Details List

A contact name or any of the contact's information such as phone number, e-mail address, or address from Contact Details can be stored as a Favorite.

- Press and drag up on the row of interaction selector buttons to reveal the Favorite buttons.
- Press and hold on the favorite location while viewing a contact on the Contact Details List. The contact name and all contact information can be stored.
- Press to save as a favorite. The favorite label will be the name of the contact.
- Press on the Favorite to display the destination view.

Storing Favorites from Map

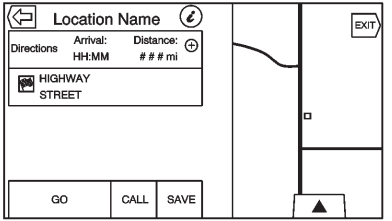


Favorite locations can be stored from the Map View.

If not under route guidance, the current vehicle location will be saved as a Favorite. If under route guidance, the final destination will be saved.

Press and drag up on the row of interaction selector buttons to reveal the Favorite buttons. Press and hold on the favorite location from the Map View to save it.

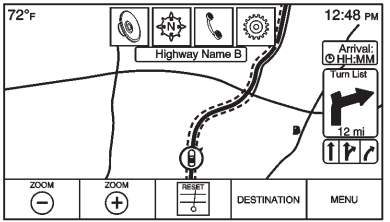
Route Guidance



- Press GO to go to the main navigation view and to start route guidance.
- If the system has an active route, a pop-up will display, "What would you like to do with this destination?" The options are: Add As Waypoint, Set New Destination, or Cancel.
- If a waypoint is added, it is placed in the location that leads to the most efficient route.
- There is a maximum number of waypoints that can be added to the system. When the maximum number has been reached, a

pop-up displays indicating that a waypoint must be deleted before a new one can be added. Even after a waypoint has been deleted, it will be added to the recent destinations list for easy recall.

Estimated Time of Arrival (ETA) and Distance



- When under route guidance, the system shows the ETA or travel time, or the driving distance.
- The ETA and travel time are calculated using any available traffic information.
- If in a waypoint trip, the ETA, travel time, and driving distance are all shown relative to the final destination.
- The final ETA is shown taking into consideration any time zone crossings that the route has traveled through.
- Press the ETA information area to switch between the estimated arrival time, total driving time resulting, and driving distance.

Turn List

Press on the next turn indicator shown on the map to display the turn list or waypoint list. The Interaction Selector is minimized automatically. Press ▲ to reveal the following options:

Destination

Press the Destination screen button to add a waypoint or change the destination while viewing the turn list. When the Destination screen button is pressed, the display shows the Destination screens.

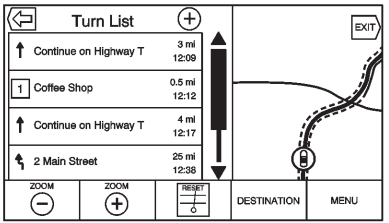
End Guidance

Press the End Guidance screen button to suspend the current route in the turn list. When the End Guidance screen button is pressed, the turn list is exited and the display returns to the main map view.

Avoid Areas

Press the Avoid Areas screen button to select the highway name that is to be avoided. The system shows a pop-up asking how many miles or if the entire road should be avoided.

Turn List



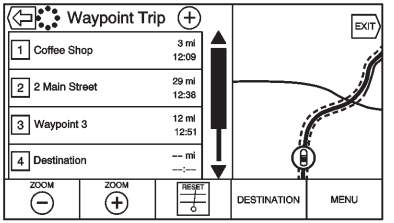
- When under a waypoint trip, press on the Turn List Interaction Selector button to show the turn list. When entering a turn list, the next maneuver instruction is spoken.
- The turn list title is the name or address of the destination. Press on the information button next to the name of the destination to display the destination information.
- The turn list is sorted in order with the next maneuver at the top of the list and the subsequent maneuvers listed below it. The next maneuver is always highlighted upon entry into the Turn List to quickly show what the next maneuver is.
- Each maneuver indicates the distance between it and the previous maneuver or the vehicle's current location. The next maneuver at the top will count down until the maneuver is reached, and then the next maneuver will begin to count down.
- Each maneuver has an estimated time of arrival based on the current driving conditions.

Saved Trips

Waypoint trips can be saved for later recall. Press the + add button in the waypoints list to save the trip to the Saved Trips list in the vehicle's contacts list. When trips are saved, they are given a default title of the final destination. Saved trips can be edited by selecting the Edit list item button to access the edit screen for the saved entry. The only field that can be edited is the name field. Press on the name field to access the keyboard view. Type the name change. This change is automatically saved when executed by the keyboard.

The saved trip can also be deleted from the edit mode. Press the delete button and a delete confirmation pop-up will display.

Waypoints



- When under a waypoint trip, press on the next turn indicator to bring up the waypoint list. The last waypoint view is shown, which could be Waypoints, Turn List, or Edit Route.

- The waypoint list is sorted in order with the next waypoint at the top of the list. Each waypoint is indicated with a numbered icon, starting with the next waypoint.
- To indicate what segment of the route is for the next waypoint, and what is for the remainder of the route, they appear in different colors.

Optimized Route

- Press the Optimize screen button to optimize the current waypoint trip.
- The optimization is done according to how the preferences are set for new routes, e.g., fastest route, shortest distance, or eco friendly.
- While the system is optimizing the route, the waypoint trip has the Activity Indicator displayed over top of it. If the system is calculating the ETA and travel distance for a waypoint, the Activity Indicator is displayed in the list header.
- When either a waypoint trip is first created, or additional waypoints are added to an existing waypoint trip, they are added in the location that would lead to an optimized route.
- If a destination is already planned and a waypoint is added, it is either added before or after the current destination, whichever leads to the most optimal route.
- If under an existing waypoint trip consisting of two or more destinations, any additional waypoints are added in the location that would lead to the most optimal route.

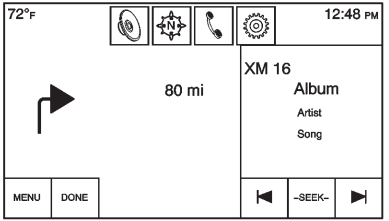
Edit Route

- Press the Edit Route screen button to modify the order or remove a waypoint from the route. Press the delete screen button to remove a waypoint from the route.
- A pop-up displays asking for confirmation of the waypoint deletion.

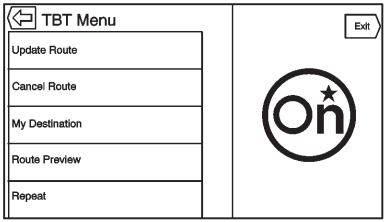
OnStar® System

An OnStar® Subscriber has the ability to connect to the OnStar system and ask an OnStar Advisor to download a destination into the built-in navigation system. OnStar will send address information and location coordinates of the destination into the navigation system.

OnStar Turn-by-Turn Navigation



Press the MENU button to go to the Turn-by-Turn menu.



The Turn-by-Turn menu consists of the following options:

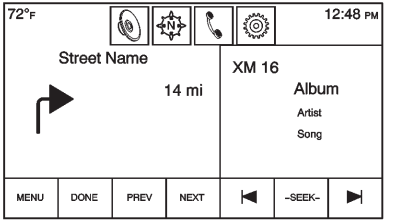
- Update Route (only shows if the vehicle is off the route)
- Cancel Route
- My Destination
- Route Preview
- Repeat

When the system is downloading a route, the only option available is Cancel Route. Once the route is downloaded, the additional list items display.

My Destination

If My Destination is selected, a special version of the Maneuver View displays. The Destination Address is shown in the Street Name field and the total distance to the destination is shown in the Distance to Maneuver View. Press the DONE button to return to the Maneuver View.

Route Preview



- If Route Preview is selected, a special version of the Maneuver View displays.
- Press NEXT to display the next maneuver information, including distance between it and the previous maneuver.
- Press PREV to display the previous maneuver information, including distance between it and the previous maneuver.

  While on the current maneuver, the PREV button is hidden. If on the last maneuver, the NEXT button is hidden.

- Press the DONE button to return to the Maneuver View.

Repeat

Select Repeat to go back to the Maneuver View. The audible maneuver prompt is repeated.

No Active Route

There is no active route:

- If the vehicle does not have navigation and the navigation application is selected from the Home screen, a screen stating, “No Active Route” displays. Press the Call OnStar button.
- If the system receives the indication that there is an active OnStar subscription, the help text is displayed with instructions on how to set up a route.
- If the vehicle is not equipped with OnStar, the navigation application icon is removed from the home screen and applications tray, so this view is not accessible.

Mutually Exclusive from Embedded Navigation

If the vehicle has both a built-in navigation system and OnStar, the system only allows one application at a time. If an OnStar Turn-by-Turn route is in progress, all other internal navigation functions are disabled until the route is completed.

When the navigation application is selected, OnStar Turn-by-Turn screens display.

Canceling an Embedded Route

If a route is in progress using the vehicle navigation system and an OnStar Turn-by-Turn route is requested, the vehicle navigation system route is canceled automatically.

Canceling a Turn-by-Turn Route

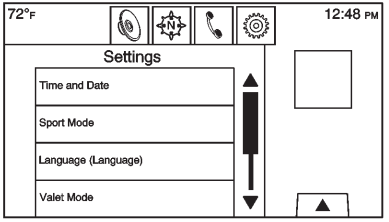
If a route is in progress using OnStar Turn-by-Turn navigation system, and a route is requested using the vehicle navigation system, a pop-up is displayed confirming that the Turn-by-Turn route should be canceled.

OnStar Canceling an Embedded Navigation

OnStar is able to remotely cancel the vehicle navigation system routes. If an Advisor is requested while connected to OnStar, all active vehicle navigation routes in the vehicle will be canceled.

There will be no confirmation, and this update will immediately be reflected on the display. Route guidance can be resumed by selecting the Resume Route screen button in the Map Menu.

Settings



Press Settings on the Home Page to adjust features and preferences, such as Time and Date, Sport Mode, Language, Valet Mode, or Radio. For setting options, see *Settings on page 70*.

A few of the setting options change the way the navigation system displays or reacts while in use.

1. Press the Settings screen button on the Home Page.
2. Press the scroll bar until the desired option displays. Select the desired settings to change.

Voice

Voice recognition allows for hands-free operation within the navigation, audio, phone, and weather applications. See *Voice Recognition on page 62*.

Press the voice screen button to display the Speech menu.

Prompt Length: Press to change the prompt length to Short or Long.

Audio Feedback Speed: Press to change the audio feedback speed to Slow, Medium, or Fast.

Confidence Threshold: Press to change the sensitivity of speech recognition system.

Display

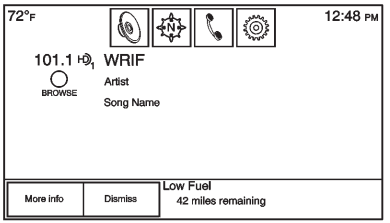
Mode: Press Mode to change the screen background. This setting controls map colors.

- The Auto setting adjusts the screen background automatically depending on the exterior lighting conditions.
- The Day setting brightens the map background.
- The Night setting darkens the map background.

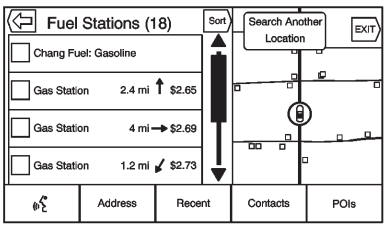
Calibrate Touchscreen: Press to display the Touchscreen Calibration Screen.

Turn Display Off: Press to turn the Display option off.

Low Fuel Alert



If the vehicle reaches a low fuel level, the system displays an alert about the low fuel condition. Press the More Info screen button to view nearby gas stations, and start guidance if desired.



If the remaining driving distance is available from the system, this is included in the alert.

Global Positioning System (GPS)

The position of the vehicle is determined by using satellite signals, various vehicle signals, and map data.

At times, other interference such as the satellite condition, road configuration, condition of the vehicle, and/or other circumstances can affect the navigation system's ability to determine the accurate position of the vehicle.

The GPS shows the current position of the vehicle using signals sent by GPS Satellites. When the vehicle is not receiving signals from the satellites, a symbol appears on the map screen. See *Navigation Symbols on page 42*.

This system might not be available or interference can occur if any of the following are true:

- Signals are obstructed by tall buildings, trees, large trucks, or a tunnel.
- Satellites are being repaired or improved.

For more information if the GPS is not functioning properly, see *Problems with Route Guidance on page 60* and *If the System Needs Service on page 61*.

Vehicle Positioning

At times, the position of the vehicle on the map could be inaccurate due to one or more of the following reasons:

- The road system has changed.
- The vehicle is driving on slippery road surfaces such as sand, gravel, or snow.

- The vehicle is traveling on winding roads or long straight roads.
- The vehicle is approaching a tall building or a large vehicle.
- The surface streets run parallel to a freeway.
- The vehicle has been transferred by a vehicle carrier or a ferry.
- The current position calibration is set incorrectly.
- The vehicle is traveling at high speed.
- The vehicle changes directions more than once, or the vehicle is turning on a turn table in a parking lot.
- The vehicle is entering and/or exiting a parking lot, garage, or a lot with a roof.
- The GPS signal is not received.
- A roof carrier is installed on the vehicle.
- Tire chains have been installed.
- The tires are replaced or worn.
- The tire pressure for the tires is incorrect.
- This is the first navigation use after the map data is updated.
- The 12-volt battery is disconnected for several days.
- The vehicle is driving in heavy traffic where driving is at low speeds, and the vehicle is stopped and started repeatedly.

Problems with Route Guidance

Inappropriate route guidance can occur under one or more of the following conditions:

- The turn was not made on the road indicated.
- Route guidance might not be available when using automatic rerouting for the next right or left turn.
- The route might not be changed when using automatic rerouting.
- There is no route guidance when turning at an intersection.
- Plural names of places might be announced occasionally.
- It could take a long time to operate automatic rerouting during high-speed driving.
- Automatic rerouting might display a route returning to the set waypoint if heading for a destination without passing through a set waypoint.
- The route prohibits the entry of a vehicle due to a regulation by time or season or any other regulation which may be given.
- Some routes might not be searched.
- The route to the destination might not be shown if there are new roads, if roads have recently changed, or if certain roads are not listed in the map data. See *Maps on page 41*.

To recalibrate the vehicle's position on the map, park with the vehicle running for two to five minutes, until the vehicle position updates. Make sure the vehicle is parked in a location that is safe and has a clear view of the sky and away from large obstructions.

If the System Needs Service

If the navigation system needs service and the steps listed here have been followed but there are still problems, see *Problems with Route Guidance on page 60*.

Map Data Updates

The map data in the vehicle is the most up-to-date information available when the vehicle was produced. The map data is updated periodically, provided that the map information has changed.

United States and Canada

For questions about the operation of the navigation system or the update process, contact the GM Nav Disc Center toll-free phone number, 1-877-NAV-DISC (1-877-628-3472) or go to the center's website, www.gmnavdisc.com. If updates are needed, call the GM Nav Disc Center or order online.

To order, have the vehicle's Vehicle Identification Number (VIN) available. This helps the center make sure that the correct and most up-to-date map data for the vehicle is received. See "Vehicle Identification Number (VIN)" in the owner manual.

Database Coverage Explanations

Coverage areas vary with respect to the level of map detail available for any given area. Some areas feature greater levels of detail than others. If this happens, it does not mean there is a problem with the system. As the map data is updated, more detail can become available for areas that previously had limited detail. See *Map Data Updates on page 61*.

Voice Recognition

Voice recognition allows for hands-free operation within the navigation, audio, phone, and weather applications. This feature can be started by pressing either the button on the steering wheel or the voice recognition icon on the touchscreen display.

However, not all features within these areas are supported by voice commands. Generally, only complex tasks that require multiple manual interactions to complete are supported by voice commands.

For example, tasks that take more than one or two button presses such as selecting a song or artist to play from a media device would be supported by voice commands. Other tasks, like adjusting the volume or seeking up or down, are audio features that are easily performed by pressing one or two buttons, and are not supported by voice commands.

In general there are flexible ways to speak commands for completing the tasks. Most of them, except destination entry and voice keypad, can be completed in a single command. If the task takes more than one command to complete, the first command would be to indicate the kind of task to be performed, like “Navigation Destination Entry.” The system replies with prompts that lead you through a dialog to enter the necessary information. For example, if a destination for route guidance is needed, say “Navigation” or “Destination Entry.”

Voice recognition can be used when the ignition is on or when Retained Accessory Power (RAP) is active. See “Retained Accessory Power (RAP)” in the owner manual.

Using Voice Recognition

Voice recognition becomes available once the system has been initialized. This begins when the ignition is turned on. Initialization may take a few moments.

1. Press on the steering wheel control to activate voice recognition, or press the voice recognition icon on the infotainment touchscreen on the center stack.
   - If voice recognition is started from the steering wheel control, the instrument cluster displays the selections and visual dialog content.
   - If voice recognition is started from the infotainment touchscreen on the center stack, the selections and visual dialog content are displayed on

both the center stack display and the instrument cluster display.

2. The audio system mutes and the system plays a prompt followed by a beep.
3. Wait until after the beep completes, then clearly speak one of the commands described in this section.

   Press to interrupt any voice recognition. This will terminate the prompt. The beep is heard immediately, and a command can be stated without having to wait.

There are two voice prompt modes supported:

- Long verbal prompts: The longer prompts provide more information regarding the supported actions.
- Short prompts: The short prompts provide simple instructions about what can be stated.

If a command is not spoken, the voice recognition system says a help prompt.

Prompts and Screen Displays

While a voice recognition session is active, there will be corresponding buttons on screens displayed. Manual interaction in the voice recognition session is permitted. Interaction during a voice session may be completed entirely using voice commands, or some selections may expedite a session. If a selection is made using a manual control, the dialog will progress in the same way as if the selection was made through a voice command. Once the system is able to complete the task, or the session is terminated, the voice recognition dialog stops.

An example of this type of manual intervention is pressing on an entry of a displayed number list instead of speaking the number associated with the entry desired.

Canceling Voice Recognition

Voice recognition can understand commands that are either naturally stated in sentence form, or direct commands that state the application and the task.

- Press the Home screen button. Pressing this button will terminate a voice recognition session which was initiated by pressing the button on the radio touchscreen.
- Press or say “Cancel” or “Exit” to terminate the voice recognition session and display the screen from which voice recognition was initiated.
- Press on the steering wheel controls to terminate the voice session and display the screen from which voice recognition was initiated.

Helpful Hints for Speaking Commands

Voice recognition can understand commands that are either naturally stated in sentence form or direct commands that state the application and the task.

For best results:

- Listen for the prompt and wait for the beep before saying a command or reply.
- Say “Help” or look at the screen display for example commands.
- Voice recognition system prompt can be interrupted while it is playing by pressing again.

  For example, if the prompt seems to be taking too long to finish, to speak the command without waiting for the prompt to complete, press again and wait for the beep.
- Speak the command naturally, not too fast, not too slow. Use direct commands without a lot of extra words.
- Usually Phone and Audio commands can be spoken in a single command.

  For example, “Call David Smith at work,” “Play” followed by the artist or song name, or “Tune” followed by the radio station number.
- Navigation destinations are too complex for a single command. First, state a command that explains the type of destination needed, such as I want directions to an “Address,” “Navigate to an intersection,” “I need to find a Place of Interest or POI,” or “Directions to a Contact.” The system responds with requesting more details. After saying “Place of Interest,” only major chains are available by name. Chains are businesses with at least 20 locations. For other POIs, say the name of a category like “Restaurants,” “Shopping Malls,” or “Hospitals.”

  Most languages do not support natural language commands in sentence form. For those languages, use direct commands like the examples shown on the display.

There is no need to memorize specific command words. Direct commands might be more clearly understood by the system. An example of a direct command would be “Call 555-1212.” Examples of these direct commands are displayed on most of the screens while a voice session is active. If “Phone” or “Phone Commands,” is stated, the system understands that a phone call is requested and will respond with questions until enough details are gathered.

If the phone number has been saved with a name and a place, the direct command should include both, for example “Call David Smith at work.”

Using Voice Recognition for List Options

When a list is displayed, a voice prompt will ask to confirm or select an option from that list. A selection can be made by manually selecting the item, or by speaking the line number for the item to select.

When a screen contains a list, there may be options that are available but not displayed. The list on a voice recognition screen functions the same as a list on other screens. Scrolling or flinging can be used to help display other entries from the list.

Manually scrolling or paging the list on a screen during a voice recognition session suspends the current voice recognition event and plays the prompt “Make your selection from the list using the manual controls, press ◀ BACK on the faceplate, or press the Back screen button to try again.”

If manual selection takes more than 15 seconds, the session terminates and prompts that it has timed out. The screen returns back to the screen where voice recognition was initiated.

The Back Command

Say “Back” or press ◀ BACK on the faceplate, or press the Back screen button to go to the previous screen.

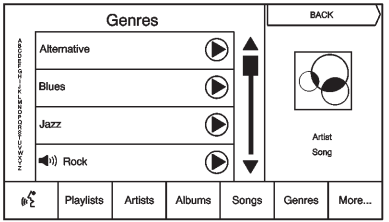
If in voice recognition, and “Back” is stated all the way through to the initial screen, then “Back” is stated one more time, the voice recognition session will cancel.

Help

Say “Help” on any voice recognition screen and the help prompt for the screen is played. Additionally, a pop-up displays a text version of the help prompt. Depending on how voice recognition was initiated, the Help pop-up will either display on the instrument cluster or the infotainment touchscreen. Press the Dismiss button to make the pop-up go away.

Pressing while the help prompt is playing will terminate the prompt and a beep will be heard. Doing this will stop the help prompt so that a voice command can be used.

Voice Recognition for the Radio



All audio screens have a voice recognition button to launch audio voice recognition. If browsing the radio when the voice button on the screen is selected, the voice recognition commands for Radio features are available.

“Switch to AM”: Switch bands to AM and tune to the last AM radio station.

“Switch to FM”: Switch bands to FM and tune to the last FM radio station.

“Switch to XM”: Switch bands to XM and tune to the last XM channel.

“Tune to <AM frequency> AM”: Tune to the radio station whose frequency is identified in the command (like “nine fifty”).

“Tune to <FM frequency> FM”: Tune to the radio station whose frequency is identified in the command (like “one o one point one”).

“Tune to <AM frequency> AM HD”: Tune to the HD Radio station whose frequency is identified in the command.

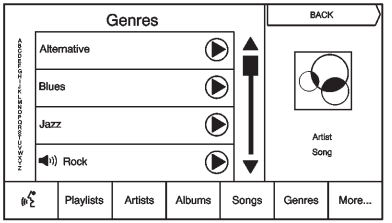
“Tune to <FM frequency> FM HD”: Tune to the HD Radio station whose frequency is identified in the command.

“Tune to <FM frequency> FM HD <HD channel number>”: Tune to the HD Radio station whose frequency and HD channel is identified in the command.

“Tune to XM <XM channel number>”: Tune to the XM radio station whose channel number is identified in the command.

“Tune to XM <XM channel name>”: Tune to the XM radio station whose channel name is identified in the command.

Voice Recognition for Audio My Media



If browsing My Media when the voice button is selected, the voice recognition commands for My Media features are available.

“Play Artist”: Begin a dialog to enter a specific Artist name.

“Play Artist <artist name>”: Begin playback of the media selection identified in the command.

“Play Album”: Begin a dialog to enter a specific album name.

“Play Album <album name>”: Begin playback of the identified album name in the command.

“Play Song”: Begin a dialog to enter a specific song name.

“Play Song <song name>”: Begin playback of the identified song name in the command.

“Play Genre”: Begin a dialog to enter a specific genre.

“Play Genre <genre name>”: Begin playback of the media selection identified in the command.

“Play Playlist”: Begin a dialog to enter a specific playlist name.

“Play Playlist <playlist name>”: Begin playback of the identified playlist in the command.

“Play <device name>”: Play music from a specific device identified by name. The device name is the name displayed on the screen when the device is first selected as an audio source.

“Play Chapter”: Begin a dialog to enter a specific name.

“Play Chapter <chapter name>”: Begin playback of the media selection identified in the command.

“Play Audiobook”: Begin a dialog to enter a specific name.

“Play Audiobook <audiobook name>”: Begin playback of the media selection identified in the command.

“Play CD Track <track number>”: Begin playback of the CD at the track identified in the command.

“Play Episode”: Begin a dialog to enter a specific name.

“Play Episode <episode name>”: Begin playback of the media selection identified in the command.

“Play Podcast”: Begin a dialog to enter a specific name.

“Play Podcast <podcast name>”: Begin playback of the media selection identified in the command.

“Play Video”: Begin a dialog to enter a specific name.

“Play Video <video name>”: Begin playback of the media selection identified in the command.

“My Media”: Begin a dialog to enter the desired media content.

Handling Large Amounts of Media Content

It is expected that large amounts of media content will be brought into the vehicle. It may be necessary to handle large amounts of media content in a different way than smaller amounts of media. The system may limit the options of voice recognition by not allowing selection of song titles by voice at the highest level if the number of songs exceeds the maximum limit.

Voice command option changes through media content limits are:

- Song files including other individual files of all media types such as audiobook chapters, podcast episodes, and videos.
- Album type folders including types such as albums and audiobooks.

There are no restrictions if the number of song files and albums is less than 4,000. When the number of song files connected to the system is between 4,000 and 8,000, the content cannot be accessed directly with one command like "Play <song name>."

The restriction is that the command "Play Song" must be spoken first; the system will then ask for the song name. The reply command would be to say the name of the song to play.

Similar limits exist for album content. If there are more than 4,000 albums, but less than 8,000, the content cannot be accessed directly with one command like, "Play <album name>." The command "Play Album" must first be spoken; the system will then ask for the album name. The reply would be to say the name of the album to play.

Once the number of songs has exceeded approximately 8,000, there is no support for accessing the songs directly through voice commands. There will still be access to the media content by using commands for playlists, artists, and genres.

The access commands for playlists, artists, and genres are prohibited after the number of this type of media exceeds 4,000.

The system will provide feedback the first time voice recognition is initiated if it has become apparent that any of these limits are reached during a device initializing process.

Voice Recognition for Navigation

"Navigation": Begin a dialog to enter specific destination information.

"Navigation Commands": Begin a dialog to enter specific destination information.

"Destination Address": Begin a dialog to enter a specific destination address, which includes the entire address consisting of the house number, street name, and city and state.

“Destination Intersection”: Begin a dialog to enter a specific destination intersection.

“Destination Place of Interest”: Begin a dialog to enter a destination Place of Interest category or major brand name (if equipped).

Not all brand names of businesses are available for voice entry. Most major chains, such as chains with more than 20 locations, should be available to search for by name, but the name must be precisely spoken. Nicknames or short names for the businesses will not likely be found. Lesser known businesses might have to be located by category, such as fast food, hotels, or banks.

“Destination Contact”: Begin a dialog to enter a specific destination contact name.

“Cancel Route”: End route guidance.

Voice Recognition for the Phone

“Call <contact name>”: Initiate a call to an entered contact. The command may include location if the contact has location numbers stored.

“Call <contact name> At Home,” “At Work,” “On Mobile,” or “On Other”: Initiate a call to an entered contact and location at home, at work, on mobile device, or on another phone.

“Call <phone number>”: Initiate a call to a standard phone number seven or 10 digits in length, and also 911, 411, or 611.

“Pair Phone”: Begin the Bluetooth pairing process. Follow instructions on the radio display.

“Switch Phone”: Select a different phone for outgoing calls.

“Voice Keypad”: Begin a dialog to enter special numbers like international numbers. The numbers can be entered in groups of digits with each group of digits being repeated back by the system. If the group of digits is not correct, the command “Delete” will remove the last group of digits and allow them to be re-entered. Once the entire number has been entered, the command “Call” will start dialing the number.

“Voice mail”: Initiate a call to voice mail numbers.

Voice Recognition for OnStar (If Equipped)

“OnStar”: Begin OnStar Voice Recognition.

Voice Recognition for Weather (If Equipped)

“Weather”: Begin a dialog to enter a weather location.

Settings

The Settings Menu allows adjustment of different vehicle and radio features. The menu may contain the following:

Time and Date

Press + or − to increase or decrease hours, minutes, and AM or PM. Press 12Hr or 24Hr for 12 or 24 hour clock. Press + or − to increase or decrease month, day, or year. See “Clock” in the owner manual.

Language

This will set the display language in the radio, instrument cluster, and voice recognition. Press Language and select the appropriate language. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Valet Mode (If Equipped)

This will lock the infotainment system, steering wheel controls, steering column, and vehicle storage locations. Enter a four-digit code on the keypad. Press Enter to go to the confirmation screen. Re-enter the four-digit code. Press LOCK to lock the system. Enter the four-digit code to unlock the system. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Radio

Press to display the Radio Menu and the following may display:

- Manage Favorites: Press to highlight a favorite to edit. Press Rename to rename the favorite or Delete to delete it. Press and hold the station to drag it to a new location. Press Done to go back to the previous menu.
- Number of Favorites Shown: Press to set the number of favorites to display. Select Auto, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, or 60. Auto will adjust the number of favorite locations that can be seen. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.
- Tone Settings: Press + or − to adjust Bass, Midrange, Treble, or Surround. See *AM-FM Radio on page 10*.
- Tag Song: Press to tag song information, including artist and title, to transfer to an iPod®. See *AM-FM Radio on page 10*.
- Timeshift: Timeshift is the recording of a radio station for up to 25 minutes. See “Timeshifting” under *AM-FM Radio on page 10*.
- Auto Volume: If equipped, this feature adjusts the volume based on the vehicle speed. See *AM-FM Radio on page 10*.

- Bose AudioPilot Noise Compensation Technology: If equipped, this feature adjusts the volume based on the noise in the vehicle. See *AM-FM Radio on page 10*.
- Maximum Startup Volume: This feature sets the maximum startup volume. If the vehicle is started and the volume is greater than this level, the volume is adjusted to this level. To set the maximum startup volume, press + or − to increase or decrease. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.
- Audio CUE Volume (If Equipped): This feature adjusts the startup and shutdown sounds. To adjust the volume, press + or − to increase or decrease. This feature can be turned on or off. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Vehicle Settings

See “Vehicle Personalization” in the owner manual.

Bluetooth

From the Bluetooth screen button, the following may be displayed:

- Add New Device: Press to add a new device.
- Device Management: Press to connect to a different phone source, disconnect a phone, or delete a phone.
- Ringtones: Press to change the ring tone for the specific phone. The phone does not need to be connected to change the ring tone.
- Voice Mail Numbers: This feature displays the voice mail number for all connected phones. The voice mail number may be changed by pressing the EDIT button, typing in the new number, and pressing SAVE. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.
- Text Message Alerts: This feature will turn text message alerts on or off. Press Text Message Alerts and then select OFF or ON. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu. See *Text Messaging on page 79*.

Voice

From the Voice screen button, the following may be displayed:

- Prompt Length: Select Short or Long for shorter or longer voice prompts. Press ◀ BACK on the faceplate or press the Back screen button to go to the previous menu.
- Audio Feedback Speed: Press Slow, Medium, or Fast for feedback speed. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Display

From the Display screen button, the following may be displayed:

- Mode: Press Auto, Day, or Night to adjust the display. Press ◀ BACK on the faceplate or press the Back screen button to go to the previous menu.
- Calibrate Touchscreen: Press to calibrate the touchscreen and follow the prompts. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.
- Turn Off Display: Press to turn the display off. Press anywhere on the display area or any faceplate button again to turn the display on.

Rear Camera

Press to display the Rear Camera menu. See “Driver Assistance Systems” in the owner manual.

Return to Factory Settings

Pressing Continue restores all factory settings.

Select Return to Factory Settings and the following list may display:

- Restore Vehicle Settings: Restores factory vehicle personalization settings. Press Restore Vehicle Settings. Press Cancel or Continue. Press ◀ BACK on the faceplate or press the Back screen button to go back to the last menu.
- Clear All Private Data: Clears all private information. Press Clear All Private Data. Press Cancel or Continue. Press ◀ BACK on the faceplate or press the Back screen button to go back to the last menu.
- Restore Radio Settings: Restores factory radio settings. Press Restore Radio Settings. Press Cancel or Continue. Press ◀ BACK on the faceplate or press the Back screen button to go back to the last menu.

English and Metric Unit Conversion

To change the display units between English and metric units, see “Instrument Cluster” in the owner manual.

Bluetooth Phone/ Devices

Bluetooth (Overview)

The Bluetooth-capable system can interact with many cell phones, allowing:

- Placement and receipt of calls in a hands-free mode.
- Sharing of the cell phone's address book or contact list with the vehicle.

To minimize driver distraction, before driving, and with the vehicle parked:

- Become familiar with the features of the cell phone. Organize the phone book and contact lists clearly and delete duplicate or rarely used entries. If possible, program speed dial or other shortcuts.
- Review the controls and operation of the infotainment system.
- Pair cell phone(s) to the vehicle. The system may not work with all cell phones. See "Pairing" in this section.

Vehicles with a Bluetooth system can use a Bluetooth-capable cell phone with a Hands-Free Profile to make and receive phone calls. The infotainment system and voice recognition are used to control the system. The system can be used while in ON/RUN or ACC/ ACCESSORY. The range of the Bluetooth system can be up to 9.1 m (30 ft). Not all phones support all functions and not all phones work with the Bluetooth system. See www.gm.com/bluetooth for more information about compatible phones.

Bluetooth Controls

Use the buttons on the infotainment system and the steering wheel to operate the Bluetooth system.

Steering Wheel Controls

(Push to Talk): Press to answer incoming calls, confirm system information, and start voice recognition.

(End Call): Press to end a call, decline a call, or cancel an operation. Press to mute or unmute the infotainment system when not on a call.

Infotainment System Controls

For information about how to navigate the menu system using the infotainment controls, see *Infotainment on page 3*.

PHONE: Press this screen button to enter the phone main menu.

Audio System

When using the Bluetooth system, sound comes through the vehicle's front audio system speakers and overrides the audio system.

Turn the volume knob during a call to change the volume level. The system maintains a minimum volume level.

Bluetooth (Infotainment Controls)

For information about how to navigate the menu system using the infotainment controls, see *Infotainment on page 3*.

Pairing

A Bluetooth-enabled cell phone must be paired to the Bluetooth system and then connected to the vehicle before it can be used. See the cell phone manufacturer's user guide for Bluetooth functions before pairing the cell phone.

Pairing Information

- A Bluetooth phone with music capability can be paired to the vehicle as a phone and a music player at the same time.
- Up to 10 devices can be paired to the Bluetooth system.
- The pairing process is disabled when the vehicle is moving.
- Pairing only needs to be completed once, unless the pairing information on the cell phone changes or the cell phone is deleted from the system.
- One Bluetooth device can be connected to the Bluetooth system at a time.
- If multiple paired cell phones are within range of the system, the system connects to the paired cell phone in the order that they were last used in the system. To link to a different paired phone, see “Linking to a Different Phone” later in this section.

Pairing a Phone

1. Press the PHONE screen button.
2. Select PHONES and select Pair Device.
3. A four-digit Personal Identification Number (PIN) appears on the display. The PIN, if required, may be used in Step 5.
4. Start the pairing process on the cell phone to be paired to the vehicle. See the cell phone manufacturer's user guide for information on this process.
5. Locate “Chevrolet MyLink” on the display. Follow the instructions provided in Step 3, to enter the PIN. After the PIN is successfully entered or the code is confirmed, the system responds with “<Device name> has been successfully paired” when the pairing process is complete.
6. If “Chevrolet MyLink” does not appear, turn the phone off or remove the phone battery and retry.

7. If the phone prompts to accept connection or allow phone book download, select Always Accept and Allow. The phone book may not be available if not accepted.
8. Repeat Steps 1−5 to pair additional phones.

Listing All Paired and Connected Phones

1. Press the PHONE screen button.
2. Select PHONES.

Disconnecting a Connected Phone

1. Press the PHONE screen button.
2. Select PHONES.
3. Press the ✕ next to the phone to disconnect.

Deleting a Paired Phone

Only disconnected phones can be deleted.

1. Press the PHONE screen button.
2. Select PHONES.
3. Press the ⊖ next to the phone to delete and follow the on screen prompts.

Linking to a Different Phone

To link to a different phone, the new phone must be in the vehicle and paired to the Bluetooth system.

1. Press the PHONE screen button.
2. Select PHONES.
3. Select the new phone to link to from the not connected device list.

Switching to Handset or Handsfree Mode

To switch between handset or handsfree mode, press the PHONE icon on the Home Page to display "Call View."

- While the active call is hands-free, press the Handset screen button to switch to the handset mode. The screen button changes to Handsfree once the Bluetooth device confirms it is operating as handset.
- While the active call is handset, press the Handsfree screen button to switch to the hands-free mode. The screen button changes to Handset once the Bluetooth device confirms it is operating as handsfree.

Making a Call Using Contacts and Recent Calls

Calls can be made through the Bluetooth system using personal cell phone contact information for all phones that support the Phone Book feature. Become familiar with the phone settings and operation. Verify the cell phone supports this feature.

When supported, the Contacts and Recent Calls menus are automatically available.

The Contacts menu accesses the phone book stored in the cell phone.

The Recent Calls menu accesses the recent call list(s) from your cell phone.

To make a call using the Contacts menu:

1. Press the PHONE screen button.
2. Select CONTACTS.
3. Select the name to call.
4. Select the desired contact number to call.

To make a call using the Recent Calls menu:

1. Press the PHONE screen button.
2. Select RECENT.
3. Select the name or number to call.
4. If necessary, select between Missed, Recent, and Sent calls by selecting the View button in the top right corner of the list.

Making a Call Using the Keypad

To make a call by dialing the numbers:

1. Press the PHONE screen button.
2. Select KEYPAD and enter a phone number.
3. Select Call to start dialing the number.

Accepting or Declining a Call

When an incoming call is received, the infotainment system mutes and a ring tone is heard in the vehicle.

Accepting a Call

There are three ways to accept a call:

- Press on the steering wheel controls.
- Press Answer on the center stack display.
- Press Answer on the instrument cluster using the select button.

Declining a Call

There are three ways to decline a call:

- Press on the steering wheel controls.
- Press Ignore on the center stack display.
- Press Ignore on the instrument cluster using the select button.

Call Waiting

Call waiting must be supported on the Bluetooth phone and enabled by the wireless service carrier to work.

Accepting a Call

There are three ways to accept a call-waiting call:

- Press on the steering wheel controls.
- Press Switch on the center stack display.
- Press Switch on the instrument cluster using the select button.

Declining a Call

There are three ways to decline a call-waiting call:

- Press ✆ on the steering wheel controls.
- Press Ignore on the center stack display.
- Press Ignore on the instrument cluster using the select button.

Switching Between Calls (Call Waiting Calls Only)

To switch between calls, press the phone icon on the Home Page to display “Call View.” While in Call View, press the call information of the call on hold to change calls.

Three-Way Calling

Three-way calling must be supported on the Bluetooth phone and enabled by the wireless service carrier to work.

To start a three-way call while in a current call:

1. In the Call View, select Add to add another call.
2. Initiate the second call by selecting from RECENT, CONTACTS, or KEYPAD.
3. When the second call is active, press Merge to conference the three-way call together.
4. Once all calls are merged, the Merge button becomes an Unmerge button. Press to unmerge the calls.

   Some wireless service carriers may not allow a merged call to become unmerged.

Ending a Call

- Press ✆ on the steering wheel controls.
- Press End on the center stack display to end all existing calls, or press End next to a call to end only that call.

Some wireless service carriers may not allow a merged call to become unmerged.

Dual Tone Multi-Frequency (DTMF) Tones

The in-vehicle Bluetooth system can send numbers during a call. This is used when calling a menu-driven phone system.

1. Press the PHONE screen button.
2. While in the Call View, press ⌃ to raise the interaction selector.
3. Select KEYPAD and enter the number.

Voice Mail

The default voice mail number is the phone number of the currently connected phone. The voice mail number can be changed in Bluetooth settings.

To dial a voice mail number:

1. Press the PHONE screen button.
2. Select VOICE MAIL.
3. Select Call.
4. Enter the DTMF tones using the keypad if needed.

Bluetooth (Voice Recognition)

Using Bluetooth Voice Recognition

To use voice recognition, press the button on the steering wheel. Use the commands below for the various voice features. For additional information, say “Help” while in a voice recognition menu. See *Voice Recognition on page 62* for help using voice recognition commands.

Making a Call

Calls can be made using the following commands.

Using the “Dial” or “Call” Command

To call a number:

1. Press . The system responds “Command Please,” followed by a tone.
2. Say “Dial” or “Call” followed by the complete phone number.

Use the “Voice Keypad” command for international numbers or special numbers which include * or #.

Once connected, the person called will be heard through the audio speakers.

To call using a contact from your phone book:

1. Press . The system responds “Command Please,” followed by a tone.
2. Say “Dial” or “Call” and then say the contact name. For example “Call John at Work.”

Once connected, the person called will be heard through the audio speakers.

Calling 911 Emergency

1. Press / . The system responds “Command Please,” followed by a tone.
2. Say “Call 911.”

Once connected, the person called will be heard through the audio speakers.

Using the “Switch Phone” Command

1. Press . The system responds “Command Please,” followed by a tone.
2. After the tone, say “Switch Phone.” The system displays a list of phones to select.

Using the "Voice Keypad" Command

1. Press . The system responds "Command Please," followed by a tone.
2. After the tone, say "Voice Keypad." The system allows entry of special numbers and characters.

Using the "Voice mail" Command

1. Press . The system responds "Command Please," followed by a tone.
2. After the tone, say "Voice mail." The system dials the voice mail number of the connected phone.

Clearing the System

Unless information is deleted out of the vehicle Bluetooth system, it will be retained. This includes phone pairing information. For directions on how to delete this information, see "Deleting a Paired Phone."

Text Messaging

If equipped, the infotainment system may allow text messages to be received and replied to. Received messages can also be read aloud.

Text Menu

Inbox: Press to display incoming messages. To view a message, press on the name of the sender. Press to listen to the text message. Press ◀ BACK on the faceplate or press the Back screen button to go back to the previous menu.

Settings: See "Text Settings" later in this section.

Reply: Press to reply using a predefined text message. See "Text Settings."

Call: Press to place a call to the sender of the text message.

Viewing a Text Message

While viewing a text message:

- Press Reply to reply using a predefined text message.
- Press Call to place a call to the sender of the text message.

Viewing Sender Information

If equipped, press the name of the sender to view sender information if this information matches contact information already stored.

Select a Predefined Message: Press to select from a set of quick messages. Press the message to send.

Predefined Messages

These are short text messages that can be used to send so responses will not have to be typed.

The messages can be deleted or a new message can be added.

To add a new message:

1. Press Text Settings, then press Manage Predefined Messages.
2. While in the predefined messages list view, select Add New Predefined Message and a keyboard displays.
3. Type a new message and press NEW MSG when done to add the message. Press ◀ BACK on the faceplate or press the Back screen button to go back to the predefined messages list. Press ✕ to delete one character at a time.

Memory Full

This message may display if there is no more room on the phone to store messages.

Text Settings

Text Alerts: When on, this feature will display an alert when a new text message has been received. Press to turn on or off.

Manage Predefined Messages: Press to add, change, or delete predefined messages.

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